WEATHERLY INDEX 820

NAPA

New Britain

Quality HAND TOOLS

CATALOG NO. 597M

NEW BRITAIN HAND TOOLS
NEW BRITAIN, CONN. 06050

Litton

Index

NAPA New Britain HAND TOOLS

Page

Adapters, Ratchet 5, 8, 13, 18
Adapters, Reducing 8, 13, 18, 20
Adapters, Increasing 8, 13, 18
Adapters, Sliding Tee Head 20
Adapters, Wire Wheel 62
Adjustable Hones 80
Adjusting Screw Drivers 44, 45, 46
Adjustable Wrenches Air Conditioner Tools 42, 51
Alternator Diode Testers 39, 49
Audioscope, Improved 38
Awls 87
Ball Joint Separators 51
Ball Joint Suspension Tools 65
Ball Pein Hammers 68
Bars, Cross 7, 20
Bars Leverage 64
Bars, Utility 88
Battery Lifters 39
Battery Pliers 30
Battery Terminal Pullers 74
Bearing Separator Attachments 77
Benders Point Aligning 38
Benders, Tubing 48
Bendix Brake Spring Tool 65
Bezel Nut Pliers 31
Bits, Drill 88
Blacksmith Hammers 69
Body Repair Tools
Blocks, Bar Dolly 71
Blocks, General Purpose Dolly 71
Blocks, Body Dolly 71
Blocks, Fender Dolly 71
Blocks, Heel Dolly 72
Blocks, Toe Dolly 71
Blocks, Wedge Dolly 71
Fender Bumpers 69
Files, Body 56
Hammers 69, 70
Sets, Body & Fender Repair 72
Spoons, General Purpose 72
Spoons, Long Curved 72
Spoons, Long Turret 72
Body Files 56
Body Hammers 69, 70
Body Dent Pullers 76
Body Rippers 55
Box Wrenches 34, 35
Box Wrenches — Ratcheting 43
Boxes, Tool 26, 27
Brake Service Tools
Bendix Brake Tools 65
Brake Adjusting Feeler Gauge 41
Carbon Scrapers, Flexible 63, 65
Cylinder Resurfacing Tool 80
Gasket Scrapers 65
Spring Pliers 29
Breakers, Spot Weld 55
Brushes, Wire 61
Brushes, Super Heavy Duty Cup 61
Brush & Scraper, Heavy Duty 61
Bumpers, Fender 69
Bushing Remover & Replacing Set 80
Bushing Reamers 81
Busters, Nut 47
Cabinets, Tool 26, 27
Calipers 85
Cape Chisels 54
Carbon Cleaning End Brush 61
Carbon Scrapers 63, 65
Carpenter Tools
Awls, Scratch 87
Bars, Utility 88
Bits, Push Drill 88
Bits, Spade 88
Chisels, Heavy Duty Wood 88
Drills, Hand 88
Drills, Push 88
Hammers, Heavy Duty Nail 87
Knives, 3 Position Retractable 86
Levels, Aluminum 87
Levels, Torpedo 87
Planes, Adjustable Block 86
Planes Adjustable Jack 86
Planes, Finishing 86
Rules, Extension 87

Page

Saws, Crosscut 86
Saws, Rip 86
Squares, Combination 87
Center Punches 54
Chain Wrenches 42
Chasers, Spark Plug Thread 81
Chasers, Universal Outside Thread 81
Chests, Tool 26, 27
Chisels
Cape Chisels 54
Chisel & Punch Sets 52
Cold Chisels & Sets 52
Diamond Point Chisels 54
Round Nose Chisels 54
Power Chisel Tools 55
Tail Pipe Cut-Off Chisels 55
Wood Chisels 88
Chevrolet Distributor Socket 5
Chevrolet Tappet Adjusting Tool 66
Cleaners, Piston Groove 67, 90
Cleaners, Ring Groove Heavy Duty 67
Cleaners, Oil Line 51
Clutch Aligning Tool Kit 51
Clutch Head Screw Driver 45
Combination Wrenches 33, 37
Compressors, Standard Piston Ring 67
Compressors, Ratchet Piston Ring 67
Compressors, Truck-Tractor Diesel 67
Compressors, Valve Spring 66
Cotton Spindle Sockets 15
Cross Bars 7, 20
Cutter, Tube 48
Cutter, Muffler 55
Cutting Pliers 28, 31
Cylinder Bore Gauge 90
Cylinder Hones 80
Cylinder Ridge Reamers 81, 89
Deep Flex Sockets 9
Deglazing Tools 80
Degreasing Knives 63
Diagonal Cutters 28
Diagonal Pliers 28
Dial Test Indicator Set 85
Diamond Point Chisels 54
Dies & Taps 60
Dies, Double Hex 60
Diesel Piston Ring Compressors 67
Dinging Hammers 70
Distributor-Carburetor Adjusting Tool 38
Distributor Socket, Chevrolet 5
Distributor Wrenches 38
Dolly Blocks 71
Double Hex Dies 60
Drag Link Socket 8, 13
Drain Plug Wrench, Universal 63
Drain Plug Wrench, Volkswagon 63
Drawers, Metal 26, 27
Drill Bits 88
Drills, High Speed 58, 59
Drills, Packaged 58, 59
Drills, Hand 88
Drills, Push 88
Duckbill Tin Snips 48
Electricians Standard Pliers 28
Electricians Type Screw Drivers 46, 47
Etching Pencil 49
Expanders, Piston Ring 90
Extensions 4, 7, 12, 17, 21
Extension Rules 87
Extractors, Screw 57
Extractors, Eccentric Stud 13
Feeler Gauges 40, 41
Feeler Gauge Blades 41
Feeler Gauge Blade Holders 41
Fender Dolly Blocks 71
Files, Bastard 56
Files, Body 56
Files Holders 56
Files, Thread Restorer 81
Finishing Hammers 69
Finishing Plane 86
Flange Type Wheel Pullers 74
Flaring Tool, Tube 48
Flare Nut Wrenches 32

Page

Flex Handles 4, 7, 12, 17, 20
Flex Ratchet 4, 7, 12
Flex Sockets 9
Flexible Carbon Scraper 65
Flexible Hacksaw Blades 57
Flywheel Pullers (Small Engines) 90
Gasket Hammers 68
Gasket Scrapers 65
Gauges, Cylinder Bore 90
Gauges, Feeler 40, 41
Gauges, Micrometer Standard 84
Gauges, Combination O.H.V. 66
Gear & Pulley Puller 73, 76
Generator Bearing & Battery Terminal Puller 74
Grease Fitting Tools 63
Groove Cleaner, Piston Ring 67
Gyro-Flex Ratchets 7
Hacksaw Blades 57
Hacksaw Frames 57
Half Moon Wrenches 34
Hammers
Ball Pein 68
Blacksmith 69
Body & Fender 69, 71
Dinging 70
Finishing 69
Gasket Hammers 68
Nail (All Steel) 68
Mallets, Rubber 68
Nail (Wooden Handle Carpenter's) 87
Sledges 68
Soft Face 68
Tire Hammers 64
Tips for Soft Face Hammers 68
Handles, Flex & Slide Tee 4, 7, 12, 17, 20
Handles, Spinner 4
Harmonic Balancer Puller 75
Headlight Spring Tools 45
Hex Key Wrenches & Sets 43
Hex Key Wrench Sets, Metric 43
High Performance Tool Sets 91
High Speed Drills & Sets 58, 59
Holder Retriever 47
Holding Tools 47
Hones, Adjustable 80
Hose Clamp Pliers 30
Hub Puller 76
Ignition Feeler Gauges 40, 41
Ignition Point Files 38
Ignition Pliers 29
Ignition Wrenches & Wrench Sets 32, 34, 37
Ignition Sets 6, 38, 39
Impact Extensions 12
Impact Universal Joints 13, 16, 18
Impact Sockets 14, 15, 16
Inspection Mirrors 51
Jimmy Bars 53
Knives, Degreasing 63
Knives, Shop 50
Knives, Pocket 50
Knives, Retractible 50
Lathe, Valve Refacer 89
Levels, Aluminum & Torpedo 87
Lever Jaw Wrenches 43
Leverage Bars 64
Lifters, Valve 66
Lineman's Pliers 28
Lining Up Punch 54
Lock Clip Removal Tool 29
Lock Ring Pliers 30
Long Chisels 54
Long Taper Punches 54
Lube Tools 63
Magnetic Pick-Up Tools 47
Mallets, Rubber 68
Master Tool Set 23
Metal Tool Chests 26, 27
Metric Tools
Socket Wrenches & Sets 9, 11
Hex Key Wrench Sets 43
Volkswagon Drain Plug Wrench 63
Wrenches, Flat 33, 37
Mirrors, Inspection 51

Index

Page

Muffler Cutter, Inside 55
Muffler Cutter, Outside 55
Muffler & Tail Pipe Remover 55
Micrometers
  Ball Anvil 84
  Depth 85
  Outside Micrometers 84, 85
  Range 84
  Special Automotive 85
  Standard Test Gauges 84
Micrometer Torque Wrench 82
Modulator Wrench 43
Needle Nose Pliers, Curved 28
Nut Busters 47
Nut Drivers 47
Offset Screw Drivers 44
Offset Wrenches 33, 34, 35
Oil Line Cleaner Kit 51
Open End Wrenches &
  Sets 32, 36, 37
Panel Cutter 55
Parrot Head Pliers 29
Phillips Screw Drivers 45
Pickup Tools 47
Pin Punches & Sets 52, 54
Pinch Bars 53
Pipe Wrenches 42
Piston Groove Cleaners 67
Piston Ring Compressors 67
Piston Service Tools 67
Planes, Block 86
Planes, Jack 87
Planes, Finishing 86
Pliers
  Battery 30
  Brake Spring 29
  Combination Slip Joint 28
  Diagonal 28
  Diagonal Cutting 28
  Flush Bolt Sidecutter 28
  Hose Clamp 30
  Ignition 29
  Large Rib Joint 29
  Linesman's 28
  Lock Ring 30
  Long Nose Sidecutting 28
  Midget 31
  Needle Nose 31
  Parrott Nose 29
  Slip Joint 28
  Snap Ring 30
  Spark Plug Terminal 31
Point Benders 38
Power Chisels 55
Power Sockets 14, 15, 16
Prick Punch 54
Pry and Pinch Bars 53

Pullers
  Attachments 75, 77
  Battery Terminal 74
  Body Dent Puller 76
  2 & 3 Jaw Pullers 77
  Flange Type Wheel Puller 74
  Gear Pullers 73, 74, 76
  Harmonic Balancer Puller 75
  Internal Pulling Attachments 77
  Legs for Push Pullers 77
  Push Pullers 77
  Reversible Jaw Gear Puller 73
  Sleeve Pullers 78
  Sleeve Puller Plates 78
  Slide Hammer Puller Set 75
  Standard 2 Arms Pullers 73
  Steering Wheel Pullers 75, 76
  Universal Hub Puller 76
  Universal Joint Tool 76
  Wheel Pullers 74
Punches 54, 55
Punch & Chisel Sets 52
Ratchet Adapters 5, 8, 13, 15
Ratcheting Box Wrenches 43, 51
Ratchet Wrenches,
  Reversible 4, 7, 12, 17, 20
Reamers 81, 89
Reciprocal Valve Grinder 89
Reversible Screw Drivers 44

Page

Ring Groove Tools 67
Rib Lock Pliers 29
Rim & Tire Tools 64
Rivet Busters 47, 55
Rules, Steel Tape 48
Saws, Hand 86
Saws, Hacksaws 57
Scrapers, Carbon 65
Scratch Awl 87
Screw Driver Bits 9
Screw Drivers
  Adjusting 44, 45, 46
  Clutch Type 45
  Electrician's Round Shank 46, 47
  Heavy Round Shank 46
  Heavy Square Shank 46
  Offset 44
  Phillips Adjusting 45
  Phillips Alloy Blade 45
  Phillips, Plastic Handle 45
  Phillips, Stubby 45
  Pocket Size 46
  Reversible 44
  Screw Holding 44
  Spark Detecting 47
  Standard Blade 44
Screw Extractors 57
Screw Starters 47
Sets, Open End, Box Tappet &
  Combination Wrenches 36, 37
Sets, Socket
  Wrench 6, 10, 11, 14, 15, 16, 19, 21
Side Cutter Pliers 28
Sleeve Pullers 78
Sliding Tee Handle 4, 7, 12, 17
Slip Joint Pliers 28
Small Engine Tools 89, 90
Snap Gap Point Setting Tool 39
Snap Ring Pliers 30
Snips 48
Socket Adapters 8, 13, 18, 20
Socket Kits, Wheel Lug 64
Socket Wrenches
  ¼" Drive 5
  ⅜" Drive 8, 9
  ½" Drive 13, 14, 15
  ¾" Drive 18
  1" Drive 21
  Metric 9, 11
Socket Wrench Sets
  ¼" Drive 6
  ⅜" Drive 10, 11
  ½" Drive 16
  ¾" Drive 19
  1" Drive 21
  Metric 9, 11
Soft Face Hammers 68
Spade Bits 88
Spark Detecting Screw Driver 47
Spark Plug Gapping Tool 39
Spark Plug Sockets 9, 15
Spark Plug Special Wire Gauge 40
Speeder Handles 7, 12
Spinners, Ratchet 8
Spinner Handles 4
Split Lock Inserter, Tapered 66
Spoons, Body 72
Squares Combination 87
Starter Switch 39
Steel Tape Rules 48
Steering Wheel Pullers 75, 76
Stillson Wrenches 42
Stud Extractors 13
Super Tool Set 24
Tail Pipe Remover 55
Tail Pipe Cut off Chisel 55
Taps & Dies 60
Taper File 56
Taper Punches 54
Taper Punch Set 52
Tape Measures, Automatic 48
Tape Rules, Steel 48
Tappet Adjusting Tool (Chevrolet) 66
Tappet Wrenches 32, 36
Thread Chasers, Universal Outside 81
Thread Chasers, Spark Plug 81
Thread Restorer Files 81

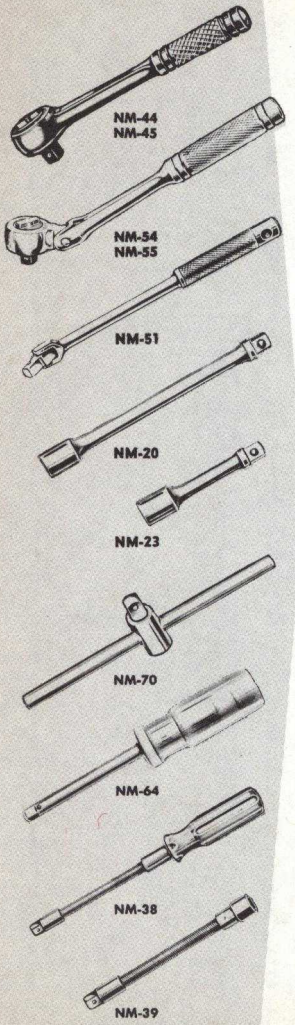
Page

Tin Snips 48
Tire & Rim Tools 63, 64
Tire Hammer 64
Tire Irons 64
Tool Chests 26, 27
Torque Wrenches 82, 83
Tube Cutters 48
Tube Fitting Rethreaders 63
Tube Flaring Tool 48
Tubeless Tire Bead Expander 63
Tubing Benders 48
Universal Joints 5, 8, 13, 18
Universal Oil Filter Wrench 49
Utility Bar 88
Valve Grinders, Reciprocal 89
Valve Lifters 66
Valve Service Tools 66
Valve Spring Compressor 66
Valve Refacer Lathe 89
Vernier Calipers 85
Volkswagon Drain Plug Wrench 63
Wheel Lug Socket Kit 64
Wire Brushes 61
Wire Wheels 62
Wood Chisels 88
Wood Handle Hammers 87
Wood Handle Screw Drivers 44, 45
Wrenches
  Adjustable 42
  Box 34, 35
  Combination 33, 37
  Distributor 38
  Half Moon 34
  Hex Key 43
  Ignition 32, 34, 37
  Lever Jaw 43
  Metric 33
  Modulator 43
  Offset 33, 34, 35
  Open End 32, 36, 37
  Pipe 42
  Ratcheting Box 43, 51
  Reversible Ratchet 4, 7, 12, 17, 20
  Sets 6, 10, 11, 16, 19, 21
  Socket 5, 8, 9, 13, 14, 15, 21
  Stillson 42
  Tappet 32, 36
  Torque 82, 83

Quick-finder Index

Body and Fender Tools 69-72
Brake Service Tools 65
Carpenter Tools 86, 87, 88
Chests, Tool 26, 27
Chisels 52-55
Feeler Gauges 40, 41
Files 56
Hammers 68, 69, 70
High Performance Tool Sets 91
Ignition Tools 6, 37, 38, 39
Master Tool Sets 22, 24
Piston Service Tools 67
Pliers 28-31
Pullers 73-79
Punches 52-55
Ratchets and Ratchet
  Adapters 4, 5, 7, 8, 12, 13, 17, 18, 20
Screw Drivers 44, 45, 46
Sets, Socket
  Wrench 6, 10, 11, 15, 16, 19, 21
Small Engine Tools 89, 90
Tire, Rim and Tools 63, 64
Valve Service Tools 66
Wrenches
  Aujustable 42
  Box 34, 35
  Combination 33, 37
  Metric 33
  Open-End 32, 36
  Pipe 42
  Socket 5, 8, 9, 13, 14, 15, 18, 21
Tappet 32
Torque 82

1/4" Square Drive Tools



NAPA New Britain HAND TOOLS

MIDGET DRIVE TOOLS

1/4" Square Drive

These midget sockets and attachments are ideal for ignition systems and electronic jobs. They are as finely made as a swiss watch yet sturdy enough to stand up to any job expected of a 1/4" drive tool.

REVERSIBLE RATCHET

This triple plated, positive grip ratchet is designed for versatility and strength. Fully enclosed ratchet has 60 tooth (or 45 tooth) gear that allows assembling of parts in a minimum amount of space.

Number		Length	Weight
NM-44	60 Tooth	5"	4 oz.
NM-45	45 Tooth	5"	4 oz.
NM-44R	60 Tooth	Ratchet Renewal Kit	
NM-45R	45 Tooth	Ratchet Renewal Kit	

FLEX RATCHET

Patented design 12 or 9 tooth pawl engages 20% of the 60-tooth or 45-tooth ratchet to give stronger locking action in the direction of force. Yet, disengages fast for a free-swing ratcheting return. Short handle swing ideal for ignition and tight working areas. Rust resistant, triple plate, chrome finish. Precision made of special steel.

Number		Length	Weight
NM-54	60 Tooth	6"	5 oz.
NM-55	45 Tooth	6"	5 oz.

MIDGET FLEX HANDLE

Useful as a spinner. Versatile — functions at any angle to 90°. Ball and spring tension holds drive tang at selected angle.

Number	Length	Weight
NM-51	6"	3 1/2 oz.

MIDGET EXTENSION

Increase work range of tools by getting into those hard-to-get-at places.

Number	Length	Weight
NM-20	6"	3 oz.
NM-23	3"	2 oz.

MIDGET SLIDE TEE HANDLE

A fine basic tool. Combines with extensions.

Number	Length	Wgt.
NM-70	4 1/2"	3 oz.

MIDGET SPINNER HANDLE

Use as a Spinner Handle. Has a 1/4" Drive End inserted in Handle so it can be used as an Extension Bar. Shank is 3" long.

Number	Length	Wgt.
NM-64	6"	3 oz.

MIDGET FLEXIBLE SPINNER

This amazing tool works easily around obstructions.

Number	Length	Wgt.
NM-38	6 3/4"	3 oz.

MIDGET FLEXIBLE EXTENSION

Combines a flexible shaft with regular 1/4" handles.

Number	Length	Wgt.
NM-39	4"	2 oz.

1/4" DRIVE RATCHET ADAPTER

Swiftly converts flex handle or any drive part into a ratcheting tool with reversible action. Also available in 1/2" and 3/8" drive.

Number	Length	Wgt.
NM-12	1 3/8"	4 oz.

1/4" DRIVE UNIVERSAL JOINT

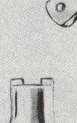
A proven basic tool for special hook-ups and attaches to 1/4" sq. drive handles to build tools for work at almost any angle.

Number	Length	Weight
NM-60	1 1/4"	2 oz.

CHEVROLET DISTRIBUTOR SOCKET

Handy, pronged Socket removes slotted nut in 1953 and later Chevrolet distributor mounts.

Number	Length	Wgt.
NMC-10	1"	1 oz.



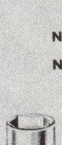
6-POINT SOCKETS

Number	Size	U.S.S. Bolt Size	Hex Head Cap Screw	S.A.E. Std. Screw & Nut	Wgt.
NM-606	3/16"	#2—.086			2 oz.
NM-607	7/32"				2 oz.
NM-608	1/4"	#4—.112			2 oz.
NM-609	9/32"				2 oz.
NM-610	5/16"	1/8"	1/8"		2 oz.
NM-611	11/32"				3 oz.
NM-612	3/8"	3/16"	3/16"		3 oz.
NM-614	7/16"		1/4"	1/4"	3 oz.
NM-616	1/2"				

1/4"-DRIVE 6-POINT EXTRA DEEP SOCKETS

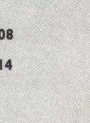
These midget 1/4"-drive deep sockets are designed to work quickly and efficiently at jobs too small for tools in larger drive sizes. Accurately machined, heat treated, triple plated chrome finished for maximum durability.

Number	Size	Length	Weight
NMD-608	1/4"	2"	1 oz.
NMD-609	9/32"	2"	1 oz.
NMD-610	5/16"	2"	1 oz.
NMD-611	11/32"	2"	2 oz.
NMD-612	3/8"	2"	2 oz.
NMD-614	7/16"	2"	2 oz.



8-POINT SOCKETS

Number	Size	U.S.S. Bolt Size	U.S.S. or Amer. Std. Set Screw	Wgt.
NM-808	1/4"	#4—.112	1/4"	3 oz.
NM-810	5/16"	1/8"	5/16"	3 oz.
NM-812	3/8"	3/16"	3/8"	4 oz.



¼" Square Drive Sets

NAPA New Britain HAND TOOLS

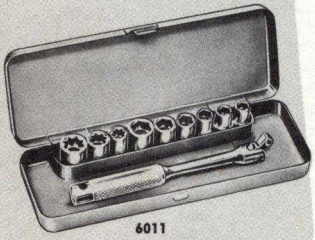
6007

¼"-DRIVE DEEP SOCKET SET

The Deep Single Hex Sockets provide necessary clearance to reach over protruding objects. Its thin, straight walls fit in limited spaces.

NMD-608	¼"	**NMD-611**	11/32"
NMD-609	9/32"	**NMD-612**	3/8"
NMD-610	5/16"	**NMD-614**	7/16"
13253	Metal Tray (3¼" x 2¼")		

Set No. 6007 7-Piece Set



6011

11 PIECE — ¼"-DRIVE SET

A Basic ¼"-Drive Set with the basic tools for a good foundation on which to build a complete ¼"-Drive Set.

6-POINT SOCKETS

NM-608	¼"	**NM-611**	11/32"
NM-609	9/32"	**NM-612**	3/8"
NM-610	5/16"	**NM-614**	7/16"
NM-51	6" Flex Handle		

8-POINT SOCKETS

NM-808	¼"	**NM-810**	5/16"	**NM-812**	3/8"
13265	Metal Box (6 13/16 x 2 5/16 x 1 1/8")				

Set No. 6011 11-Piece Set

6016

16 PIECE — ¼"-DRIVE SET

The tools are extremely useful to mechanics in adjusting distributors, carburetors, generators — wherever fine work is done.

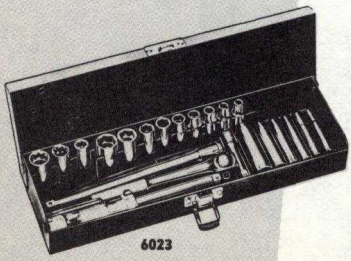
6-POINT SOCKETS

NM-606	3/16"	**NM-611**	11/32"
NM-607	7/32"	**NM-612**	3/8"
NM-608	¼"	**NM-614**	7/16"
NM-609	9/32"	**NM-616**	½"
NM-610	5/16"		

8-POINT SOCKETS

NM-808	¼"	**13264**	Metal Box
NM-810	5/16"	(6 13/16 x 2 5/16 x 1 1/8")	
NM-20	6" Socket Extension		
NM-23	2" Socket Extension		
NM-45	Reversible Ratchet		
NM-51	6" Flex Handle		

Set No. 6016 16-Piece Set



6023

23 PIECE — ¼"-DRIVE SET

The tools in this set are indispensable for ignition systems and are ideal for electronic jobs.

6-POINT SOCKETS

NM-606	3/16"	**NM-611**	11/32"
NM-607	7/32"	**NM-612**	3/8"
NM-608	¼"	**NM-614**	7/16"
NM-609	9/32"	**NM-616**	½"
NM-610	5/16"		

6-POINT EXTRA DEEP SOCKETS

NMD-608	¼"	**NMD-611**	11/32"
NMD-609	9/32"	**NMD-612**	3/8"
NMD-610	5/16"	**NMD-614**	7/16"

8-POINT SOCKETS

NM-808	¼"	**NM-810**	5/16"	**NM-812**	3/8"
NM-20	6" Socket Extension				
NM-23	2" Socket Extension	**13267**	Metal Box		
NM-45	Reversible Ratchet	(10 x 3 x 1½")			
NM-64	Amber Handle Spinner				

Set No. 6023 23-Piece Set

NAPA New Britain HAND TOOLS

3/8" Square Drive Tools

The inaccessibility of many parts in modern engines demands Tools of reduced size. The modern New Britain 3/8" Drive Line is completely streamlined to get you into those tight corners.

REVERSIBLE RATCHET

Close acting, positive grip ratchet. Made of alloy steel — forged head fully enclosed 60 tooth or 45 tooth mechanism.

Number		Length	Wgt.
NB-44		7 1/2"	10 oz.
NB-45		7 1/2"	10 oz.
NB-44R	**60 Tooth** Ratchet Renewal Kit		
NB-45R	**45 Tooth** Ratchet Renewal Kit		

FLEX HANDLE RATCHET

This sensational wrench is just the thing for those hard to reach places. The hinge joint at the ratchet head allows a 120° swing in the handle making work around manifolds, air cleaners, and generators easy when removing and installing spark plugs. Standard 3/8"-Drive No. NB-44R Repair Kit fits 60 tooth ratchet and NB-45R fits 45 tooth ratchet.

Number		Drive	Length	Weight
NB-54	60 Tooth	3/8"	11"	3/4 lb.
NB-55	45 Tooth	3/8"	11"	3/4 lb.

GYRO FLEX RATCHET

This amazing new ratchet will allow you to reach the most inaccessible places in automotive work. Constructed of alloy steel, this tool has a precision engineered offset handle, which combined with a flex head, allows an unlimited number of positions.

Number	Drive	Length	Weight
NB-57	3/8"	10 1/2"	3/4 Lb.

SPEEDER

Nothing takes the place of a Speeder for turning down nuts in a hurry. By combining Flex Sockets with it, many awkward jobs can be completed.

Number	Length	Wgt.
NB-85	16"	12 oz.

EXTENSIONS

A wide selection of lengths is given to afford endless combinations with the Ratchets and Flex Handles.

NB-25	1 3/4"	2 oz.
NB-20	3"	3 oz.
NB-21	6"	4 oz.
NB-22	11"	6 oz.
NB-23	19"	8 oz.

SLIDE TEE HANDLE

The key tool in making special Wrenches. Combine it with Extensions and Flex Sockets for hidden nuts.

Number	Length	Wgt.
NB-70	8"	1/2 lb.

FLEX HANDLE

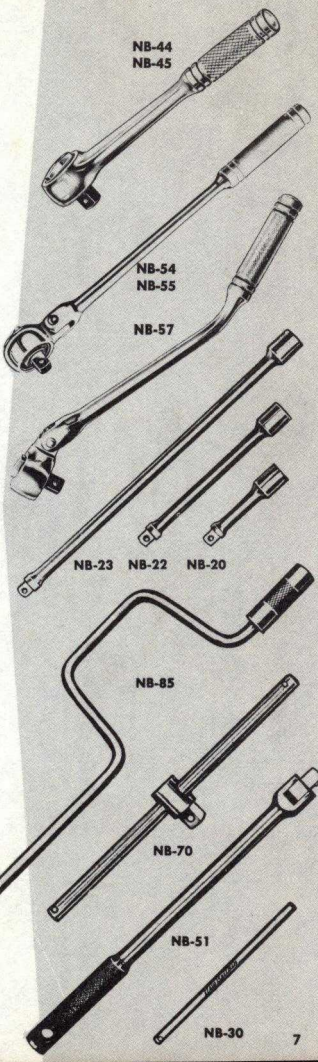
Note the knurled grip and perfect balance. A widely used tool in any kit is the Flex Handle.

NB-51	10"	1/2 lb.

CROSS BAR

A vital part of your Flex Handle, especially tempered to produce great strength.

NB-30	6"	3 oz.



3/8" Square Drive Tools

NAPA New Britain HAND TOOLS

NB-12

NB-60

NM-80
NB-80 NB-81

NB-95

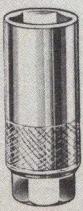
NB-15

NB-634S

NB-612 to NB-620

NBD-612 to NBD-628

NBD-620S



NBD-626S

NB-808 to NB-816

RATCHET ADAPTER

Swiftly converts flex handle, torque wrench or any drive part into a ratcheting tool with reversible action. Also available in 1/2" and 1/4" drive.

Part No.	Length	Wgt.
NB-12	2"	6 oz.

UNIVERSAL JOINT

The joint is held at any desired angle by an inner spring. The compact and short-coupled universal joint will reach into the tightest corners.

Number	Wgt.
NB-60	3 oz.

ADAPTERS

Number	Size Female	Size Male	Wgt.
NM-80	1/4" to 3/8"	Inc.	2 oz.
NB-80	3/8" to 1/4"	Red.	4 oz.
NB-81	3/8" to 1/2"	Inc.	4 oz.

DRAG LINK SOCKET

The screw driver type Socket for slotted nuts.

Number	Size	Wgt.
NB-95	1 1/16" wide	3 oz.

RATCHET SPINNER

This precision designed ratchet attachment fits all 3/8" drive tools, allowing rapid run up of nuts, bolts and spark plugs. Custom designed plastic finger grip is oil resistant. Extension is alloy steel, triple plated (copper, nickel, chrome) for long life.

Number	Size	Length	Weight
NB-15	3/8" Dr.	1 13/16"	2 oz.

TWO IN ONE SOCKET

Special 1" and 1 1/16" double broached socket for Stop Light and Oil Pressure Light switches.

Part No.	Drive	Weight
NB-634S	3/8"	5 oz.

6-POINT SOCKETS

No.	Opening	Wgt.	No.	Opening	Wgt.
NB-612	3/8"	1 oz.	NB-618	9/16"	2 oz.
NB-614	7/16"	2 oz.	NB-620	5/8"	2 oz.
NB-616	1/2"	2 oz.			

EXTRA DEEP 6-POINT SOCKETS

No.	Opening	Wgt.	No.	Opening	Wgt.
NBD-612	3/8"	3 oz.	NBD-620	5/8"	4 oz.
NBD-614	7/16"	3 oz.	NBD-622	11/16"	4 oz.
NBD-616	1/2"	3 oz.	NBD-624	3/4"	4 oz.
NBD-618	9/16"	4 oz.	NBD-626	13/16"	4 oz.
			NBD-628	7/8"	4 oz.

RUBBER LINED EXTRA DEEP 6-POINT SOCKET

No.	Opening	Wgt.
NBD-620S	5/8"	5 oz.
NBD-626S	13/16"	5 oz.

8-POINT SOCKETS

No.	Opening	Wgt.	No.	Opening	Wgt.
NB-808	1/4"	1 oz.	NB-814	7/16"	2 oz.
NB-810	5/16"	1 oz.	NB-816	1/2"	2 oz.
NB-812	3/8"	1 oz.			

NAPA New Britain HAND TOOLS

12-POINT SOCKETS

No.	Opening	No.	Opening	No.	Opening
NB-1210	5/16"	NB-1218	7/16"	NB-1224	3/4"
NB-1212	3/8"	NB-1219	19/32"	NB-1226	13/16"
NB-1214	7/16"	NB-1220	5/8"	NB-1228	7/8"
NB-1216	1/2"	NB-1222	11/16"		

12-POINT EXTRA DEEP SOCKETS

No.	Opening	No.	Opening	No.	Opening
NBD-14	7/16"	NBD-20	5/8"	NBD-26	13/16"
NBD-16	1/2"	NBD-22	11/16"	NBD-28	7/8"
NBD-18	9/16"	NBD-24	3/4"		

METRIC SOCKETS
3/8" Drive 6-Point Sockets

(6mm to 19mm) These 3/8" drive sockets are made of alloy steel and are thin walled to permit easy access to bolts and nuts. Precision broached to assure accurate fit. A must for later model foreign cars. Triple plated (copper, nickle, chrome.)

Part No.	Size, MM.	Wgt.	Part No.	Size, MM.	Wgt.
NB-606M	6	3/4 oz.	NB-613M	13	2 oz.
NB-607M	7	3/4 oz.	NB-614M	14	2 oz.
NB-609M	9	1 oz.	NB-615M	15	2 oz.
NB-610M	10	1 oz.	NB-617M	17	2 oz.
NB-611M	11	1 oz.	NB-619M	19	2 oz.
NB-612M	12	1 oz.			

DEEP FLEX SOCKETS

New design permits direct application with your standard 3/8" drive ratchet. Spark plug socket is lined with a neoprene insert to grip spark plug firmly for easier installation or removal. (Non replaceable)

Part No.	Opening	Drive	Part No.	Opening	Drive	Weight
NBC-14	7/16"	3/8"	NBC-18	3/4"	3/8"	6 oz.
NBC-16	1/2"	3/8"	NBC-26	13/16"	3/8"	

6-POINT FLEX SOCKETS

No.	Opening	No.	Opening	No.	Opening
NBF-12	3/8"	NBF-18	9/16"	NBF-22	11/16"
NBF-14	7/16"	NBF-20	5/8"	NBF-24	3/4"
NBF-16	1/2"				

PHILLIPS SCREW DRIVER BITS

A popular tool for automotive body work and for many industrial applications also. Available in three sizes.

Part No.	Bit Size	Wgt.
NB-102	No. 2	3 oz.
NB-103	No. 3	3 oz.
NB-104	No. 4	3 oz.

3/8"-DRIVE ALLEN WRENCH BIT

Hex heads are accurate and fit the screw precisely. Can be used on all 3/8" Drive Handles. Length 2 1/16". Replaceable bits available in all sizes.

Part No.	Size	Bit No.	Weight
NB-106	3/16"	NB-106-I	3 oz.
NB-107	7/32"	NB-107-I	3 oz.
NB-108	1/4"	NB-108-I	3 oz.
NB-109	5/16"	NB-109-I	3 oz.
NB-110	3/8"	NB-110-I	3 oz.

3/8"-DRIVE SCREW DRIVER BITS

These bits are designed for slotted head screws. Heat treated and accurately machined for precise fit.

Part No.	Blade Size	Length	Weight
NB-120	.035" by 1/4" Blade	3 1/4"	3 oz.
NB-122	.040" by 3/8" Blade	3 1/4"	3 oz.

3/8" Square Drive Tools

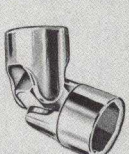
NB-1210 to NB-1228

NBD-14 to NBD-28

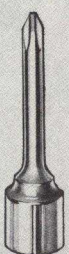
NB-606M
NB-607M

NBC-14 to NBC-26

NB-609M to NB-619M



NBF-12 to NBF-24



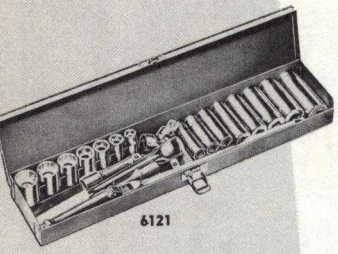
NB-102 to NB-104

NB-120
NB-122

NB-106 to NB-110

3/8" Square Drive Sets

NAPA New Britain HAND TOOLS



6121

21 PIECE — 3/8"-DRIVE SET

Fastest selling and most demanded because of its completeness with both regular and extra deep sockets.

6-POINT SOCKETS

NB-612	3/8"		NB-616	1/2"	
NB-614	7/16"		NB-618	9/16"	

6-POINT EXTRA DEEP SOCKETS

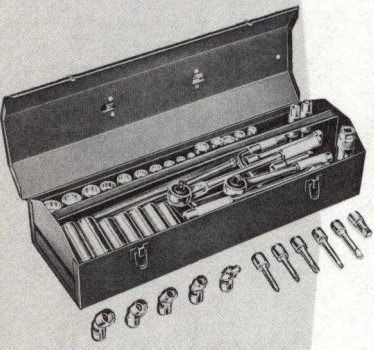
NBD-612	3/8"	NBD-618	9/16"	NBD-624	3/4"
NBD-614	7/16"	NBD-620	5/8"	NBD-626	13/16"
NBD-616	1/2"	NBD-622	11/16"		

12-POINT SOCKETS

NB-1220	5/8"	NB-1222	11/16"	NB-1224	3/4"

NB-20	3" Socket Extension	NB-51	10" Flex Handle
NB-21	6" Socket Extension	NB-60	Universal Joint
NB-45	Reversible Ratchet	30562	Metal Box (14 3/4 x 3 1/4 x 1 1/2")

Set No. 6121 21-Piece Set



6144

44 PIECE — 3/8"-DRIVE SET

A Deluxe Set with a full range of Sockets and Attachments. Set contains 44 of the most necessary tools for general work complete in a streamlined metal box.

6-POINT SOCKETS

NB-612	3/8"	NB-618	9/16"	NBD-612	3/8"
NB-614	7/16"	NB-620	5/8"	NBD-614	7/16"
NB-616	1/2"			NBD-616	1/2"

12-POINT SOCKETS

NB-1210	5/16"	NB-1218	9/16"	NB-1226	13/16"
NB-1212	3/8"	NB-1220	5/8"	NB-1228	7/8"
NB-1214	7/16"	NB-1222	11/16"		
NB-1216	1/2"	NB-1224	3/4"		

12-POINT DEEP SOCKETS

NBD-18	9/16"
NBD-20	5/8"
NBD-22	11/16"
NBD-24	3/4"
NBD-26	13/16"
NBD-28	7/8"

FLEX SOCKETS

NBF-14	7/16"
NBF-16	1/2"
NBF-18	9/16"
NBF-20	5/8"

NB-60	Universal Joint
NBD-626S	Spark Plug Socket
NB-45	Reversible Ratchet
NB-20	3" Socket Extension
NB-21	6" Socket Extension
NB-22	11" Socket Extension
NB-25	13½" Socket Extension
NB-85	19" Speeder
NB-54	Flex Handle Ratchet
NB-51	10" Flex Handle
NB-102	Phillips Sc. Dr. Bits #2
NB-103	Phillips Sc. Dr. Bits #3
NB-104	Phillips Sc. Dr. Bits #4
NB-120	Sc. Dr. Bits 1/4" Bl.
NB-122	Sc. Dr. Bits 3/8" Bl.
30558-H	Box (19 x 6 x 4 1/4")

Set No. 6144 44-Piece Set

6109

9 PIECE — 3/8"-DRIVE DEEP SOCKET SET

The Deep Single Hex Sockets enable you to work in close places and provide the necessary clearance to hard-to-reach areas.

6-POINT EXTRA DEEP SOCKETS

NBD-614	7/16"	NBD-620	5/8"	NBD-626	13/16"
NBD-616	1/2"	NBD-622	11/16"	NBD-628	7/8"
NBD-618	9/16"	NBD-624	3/4"		

30750 Metal Box (7 x 3 x 1 1/4")

Set No. 6109 9-Piece Set

3/8" Square Drive Sets

13 PIECE — 3/8"-DRIVE SET

A compact set with a selected range of Regular 6 Point and 12 Point Sockets packaged in a metal box.

6-POINT SOCKETS

NB-612	3/8"	NB-616	1/2"
NB-614	7/16"	NB-618	9/16"

12-POINT SOCKETS

NB-1220	5/8"	NB-1224	3/4"	NB-1228	7/8"
NB-1222	11/16"	NB-1226	13/16"		

NB-45	Reversible Ratchet
NB-51	10" Flex Handle
NB-21	6" Socket Extension
30561	Metal Box (10 x 3¼ x 1½")

Set No. 6113 13-Piece Set

6113

8 PIECE — 3/8"-DRIVE FLEX SOCKET SET

A complete set of Flex Sockets that are indispensable when working in restricted areas.

6-POINT FLEX SOCKETS

NBF-12	3/8"	NBF-20	5/8"
NBF-14	7/16"	NBF-22	11/16"
NBF-16	1/2"	NBF-24	3/4"
NBF-18	9/16"		
13657	Metal Box (6 13/16 x 2 5/16 x 1 1/8")		

Set No. 6108 8-Piece Set

6108

14 PIECE — 3/8"-DRIVE METRIC SET

A Quality Built Metric Set that is a must for mechanics working on foreign cars.

6-POINT SOCKETS

Number	M.M. Size	Number	M.M. Size
NB-609M	9	NB-614M	14
NB-610M	10	NB-615M	15
NB-611M	11	NB-617M	17
NB-612M	12	NB-619M	19
NB-613M	13		

NBD-626S	Spark Plug Socket
NB-20	3" Extension
NB-21	6" Extension
NB-45	Fully Enclosed Ratchet
13658	Sturdy Metal Box (10 x 3¼ x 1½")

Set No. 6114 14-Piece Set

6114

10 PIECE — 3/8"-DRIVE METRIC TRAY SET

Unique 10 Piece Metric Socket Tray Set with Flip Lock Tray Feature.

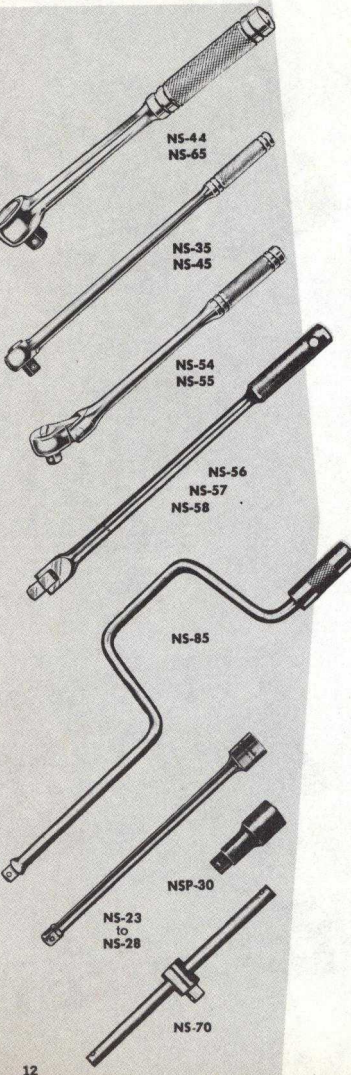
6-POINT SOCKETS

Number	M.M. Size	Number	M.M. Size
NB-609M	9	NB-614M	14
NB-610M	10	NB-615M	15
NB-611M	11	NB-617M	17
NB-612M	12	NB-619M	19
NB-613M	13	13330 Metal Tray (7 1/8 x 1 x 1 1/2")	

Set No. 6110 10-Piece Set

6110

½" Square Drive Tools



NAPA New Britain HAND TOOLS

REVERSIBLE RATCHET

New patented design. Five years of engineering and development brings the toughest, most rugged ratchet yet designed. Check these features:

- 60 Tooth action — permits ratcheting in restricted areas.
- 12 Tooth pawl — designed for compression engagement. Pressure is applied directly to ratchet head rather than individual teeth.
- Simplicity — working unit can be replaced in a jiffy for instant ratchet renewal when mechanism becomes worn out.

Number		Length	Wgt.
NS-44	60 Tooth	10"	1 lb.
NS-45	60 Tooth	15"	1 lb. 4 oz.
NS-65	45 Tooth	10"	
NS-35	45 Tooth	15"	
NS-44R	60 Tooth	Ratchet Renewal Kit	
NS-65R	45 Tooth	Ratchet Renewal Kit	

½"-DRIVE FLEX RATCHET

This ½"-Drive Flex-Ratchet has the famous New Britain 12-Tooth Pawl and 60-Tooth fully enclosed frame for positive wedge action. Also available in 45-Tooth design. This tool gives extra leverage and flexibility for those hard-to-reach stubborn nuts and bolts. The hinged joint provides a full 180° swing of the wrench head. Standard ½"-Drive No. NS-44R Repair Kit fits 60-Tooth ratchet, NS-65R Kit fits 45-Tooth ratchet.

Part No.		Drive	Length	Weight
NS-54	60 Tooth	½"	11"	19 oz.
NS-55	45 Tooth	½"	11"	19 oz.

FLEX HANDLES

The drive end on these newly designed knurled grip Flex Handles can be set in many different positions, thereby enabling work to be performed in inaccessible places.

	Length	Wgt.
NS-56	18"	2 lbs.
NS-57	15"	1 lb. 11 oz.
NS-58	12"	1 lb. 5 oz.

SPEEDER

The original speed-up Tool. Nothing takes the place of a Speeder for quick work.

Number	Length	Wgt.
NS-85	18"	1 lb. 12 oz.

EXTENSIONS

These sizes, alone or in combination, extend your reach an extra 2" to 36" in steps of 2" as you please.

Number	Length	Wgt.	Number	Length	Wgt.
NS-23	$1^{5}/_{16}$"	4 oz.	NS-25	10"	16 oz.
NS-24	5"	10 oz.	NS-28	19"	27 oz.
NSP-30	Impact Ext. $2^{5}/_{8}$"				

SLIDE TEE HANDLE

This Slide Tee Handle can be used as an offset handle by moving head to either end of bar. Head is kept securely in any position by a ball and tension spring arrangement in head.

Number	Length	Wgt.
NS-70	9"	1 lb.

½" Square Drive Tools

RATCHET ADAPTER

This versatile New Britain Ratchet Adapter functions smoothly and efficiently. Its ingenious design offers the remarkable facility of swiftly converting a flex handle, torque wrench or any drive part into an unusually effective ratcheting tool, with reversible action.

Number	Length	Wgt.
NS-12	2⅛"	10 oz.

DRAG LINK SOCKETS

A sturdy screw driver type Socket with bits in two widths for drag links, drain plugs, slotted nuts and screws. Will fit any standard ½" square drive tool.

Number	Size	Wgt.
NS-91	47/64" Wide	3 oz.
NS-92	15/16" Wide	3 oz.

ADAPTERS

An invaluable addition to my mechanic's tool set for the interchange of different drive handles.

Number	Sizes Female Male	Wgt.
NS-81	½" to ⅜" Red.	3 oz.
NS-82	½" to ¾" Inc.	6 oz.

UNIVERSAL JOINT

Compact, sturdy and easy working. A Universal Joint designed for difficult corners.

Number	Length	Wgt.
NS-60	2 1/16"	10 oz.

IMPACT UNIVERSAL JOINT

This ½"-Drive Impact Universal Joint will provide flexibility when working in tight restricted areas. The special "Ball Type Joint" gives this Universal Joint the added strength necessary for its rugged application.

Part No.	Size	Length	Weight
NSP-60	½"	2 13/16"	3 oz.

ECCENTRIC STUD EXTRACTOR

Extractor will remove or install ¼" to ¾" stud sizes. Uniquely constructed to permit gripping wheel to lay flush on flat surfaces to engage stud at lowest point if required without damage to stud threads. Drive socket extends through entire housing to prevent binding. Consists of 3 replaceable and easy to disassemble parts.

Number	Wgt.
NS-4916	8 oz.

NS-4915 Replacement Cam for NS-4916

½" Sq. Drive Sockets

NAPA New Britain HAND TOOLS

Extra strength thin wall design for work where there's minimum clearance . . . Available in 12, 8 and 6-point design . . . All tools have a mirror chrome finish.

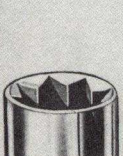
NT-612 to NT-628

6-POINT SOCKETS

Part No.	Size Opening	Wgt.	Part No.	Size Opening	Wgt.
NT-612	3/8"	1 oz.	NT-620	5/8"	2 oz.
NT-614	7/16"	1 oz.	NT-622	11/16"	2 oz.
NT-616	1/2"	1 oz.	NT-624	3/4"	2 oz.
NT-618	9/16"	2 oz.	NT-628	7/8"	3 oz.

8-POINT SOCKETS

Number	Size	Wgt.	Number	Size	Wgt.
NT-812	3/8"	2 oz.			
NT-814	7/16"	3 oz.	NT-822	11/16"	3 oz.
NT-816	1/2"	3 oz.	NT-824	3/4"	4 oz.
NT-818	9/16"	3 oz.	NT-826	13/16"	4 oz.
NT-820	5/8"	3 oz.	NT-828	7/8"	4 oz.



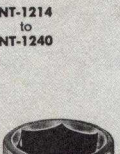
NT-812 to NT-828

NT-1214 to NT-1240

12-POINT SOCKETS

Number	Size	Wgt.	Number	Size	Wgt.
NT-1214	7/16"	1 oz.	NT-1225	25/32"	2 oz.
NT-1216	1/2"	2 oz.	NT-1226	13/16"	3 oz.
NT-1218	9/16"	2 oz.	NT-1228	7/8"	3 oz.
NFV-618(1)	9/16"	2 oz.	NT-1230	15/16"	4 oz.
NT-1219	17/32"	2 oz.	NT-1231	31/32"	4 oz.
NT-1220	5/8"	2 oz.	NT-1232	1"	4 oz.
NT-1221	21/32"	2 oz.	NT-1234	1 1/16"	4 oz.
NT-1222	11/16"	2 oz.	NT-1236	1 1/8"	6 oz.
NT-1224	3/4"	2 oz.	NT-1240	1 1/4"	7 oz.

(1) Special 6 Pt. Socket for V-8 Connecting Rods.



NTP-614 to NTP-634

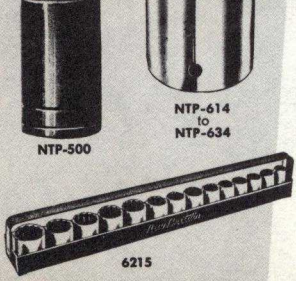
NTP-500

6-POINT (IMPACT) SOCKETS

Made from special Alloy Steel and with black, Parkerized finish, these tough Power Sockets are designed to stand up under punishing use with Power and Impact Wrenches.

Number	Size	Wgt.
NTP-500	3/4" x 13/16 Double End)	2 oz.

Number	Size	Wgt.	Number	Size	Wgt.
NTP-614	7/16"	2 oz.	NTP-626	13/16"	3 oz.
NTP-616	1/2"	2 oz.	NTP-628	7/8"	3 oz.
NTP-618	9/16"	2 oz.	NTP-630	15/16"	5 oz.
NTP-620	5/8"	2 oz.	NTP-632	1"	6 oz.
NTP-622	11/16"	3 oz.	NTP-634	1 1/16"	9 oz.
NTP-624	3/4"	3 oz.			



6215

15 PIECE SOCKET HOLDER SET

This is a complete, compact, low priced Socket Set furnished in a metal carrying tray.

12-POINT SOCKETS

NT-1214	7/16"	NT-1222	11/16"	NT-1230	15/16"
NT-1216	1/2"	NT-1224	3/4"	NT-1232	1"
NT-1218	9/16"	NT-1225	25/32"	NT-1236	1 1/8"
NT-1219	17/32"	NT-1226	13/16"	NT-1240	1 1/4"
NT-1220	5/8"	NT-1228	7/8"		

Number			Wgt.
6215	15 Pc. Set	15277 Metal Tray	5 lbs.

NAPA New Britain HAND TOOLS

EXTRA DEEP 6-POINT SOCKETS

These sockets are made from Special Alloy Steel and heat treated for maximum strength and durability. Thin wall design provides easier access to minimum clearance areas. Triple plated chrome finish.

Part No.	Size	Weight	Part No.	Size	Weight
NTD-616	1/2"	5 oz.	NTD-626	13/16"	5 oz.
NTD-618	9/16"	5 oz.	NTD-628	7/8"	6 oz.
NTD-620	5/8"	5 oz.	NTD-630	15/16"	7 oz.
NTD-622	11/16"	5 oz.	NTD-632	1"	7 oz.
NTD-624	3/4"	5 oz.	NTD-634	1 1/16"	10 oz.

EXTRA DEEP 12-POINT SOCKETS

Part No.	Size	Wgt.	Part No.	Size	Weight
NTD-16	1/2"	5 oz.	NTD-28	7/8"	6 oz.
NTD-18	9/16"	5 oz.	NTD-28B	7/8"	6 oz.
NTD-20	5/8"	5 oz.	NTD-30	15/16"	7 oz.
NTD-22	11/16"	5 oz.	NTD-32	1"	7 oz.
NTD-24	3/4"	5 oz.	NTD-34	1 1/16"	10 oz.
NTD-26	13/16"	5 oz.	NTD-36	1 1/8"	10 oz.

SPARK PLUG SOCKET

This special 1/2"-Drive Socket is lined with a neoprene insert to grip the Spark Plug Firmly for easier installation or removal.

Part No.	Size Opening	Weight
NTD-626S	13/16"	5 oz.

5/8" SPARK PLUG SOCKET

For Buicks and new 400 and 430 cubic inch high performance engines.

NTD-620-S	5/8"	5 oz.

6-POINT DEEP COTTON SPINDLE SOCKET

Specially designed and heat treated Alloy Steel insures long rugged use.

Part No.	Drive	Length	Weight
NTD-636SP	1/2"	6 1/4"	2 lbs.

EXTRA DEEP 6-POINT IMPACT SOCKETS

Made from Special Alloy Steel, these tough but light weight Power Sockets are designed to stand up under punishing use on Power Tools.

Part No.	Size	Weight	Part No.	Size	Weight
NTPD-612	3/8"	4 oz.	NTPD-624	3/4"	7 oz.
NTPD-614	7/16"	4 oz.	NTPD-626	13/16"	7 oz.
NTPD-616	1/2"	4 oz.	NTPD-628	7/8"	9 oz.
NTPD-618	9/16"	4 oz.	NTPD-630	15/16"	10 oz.
NTPD-620	5/8"	4 oz.	NTPD-632	1"	11 oz.
NTPD-622	11/16"	5 oz.			

9-PIECE DEEP SOCKET SET

Extra Deep 12-Point Sockets

NTD-18	9/16"	NTD-26	13/16"	
NTD-20	5/8"	NTD-28	7/8"	31061 Metal Box
NTD-22	11/16"	NTD-30	15/16"	(9" x 3 7/8" x 1 1/2")
NTD-24	3/4"	NTD-32	1"	

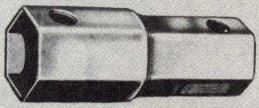
Part No.		Wgt.
6209	9-Piece Set	4 lbs.

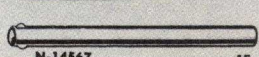
DRAWN SPARK PLUG SOCKETS

Low cost spark plug Sockets for service station use. Cross Bar with each Socket.

Part No.	Hex. Spark Plug Size	Part No.	
N-14515	13/16" (Single End)	N-16303	5/8" and 13/16"
N-14511	13/16" and 7/8"	N-14567	Cross Bar, Small
N-14512	7/8" and 1"		

1/2" Sq. Drive Sockets





NAPA New Britain HAND TOOLS

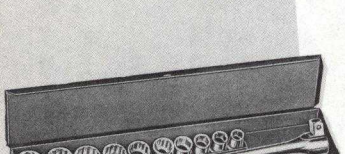
6207

REGULAR LENGTH
½"-DRIVE 6-POINT IMPACT SOCKET SET

Part No.	Size	Length	Weight
NTP-616	½"	1½"	2 oz.
NTP-618	9/16"	1½"	2 oz.
NTP-620	5/8"	1½"	2 oz.
NTP-622	11/16"	1½"	3 oz.
NTP-624	¾"	1½"	3 oz.
NTP-626	13/16"	1½"	3 oz.

13995 NB TRAY

Set No. 6207 7-Piece Set



6212

12 PIECE — ½"-DRIVE SET

A compact Socket Set containing the most useful ½" Drive Tools.

6-POINT SOCKETS

NT-614	7/16"	NT-618	9/16"
NT-616	½"	NT-620	5/8"

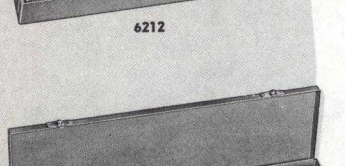
12-POINT SOCKETS

NT-1222	11/16"	NT-1226	13/16"	NT-1230	15/16"
NT-1224	¾"	NT-1228	7/8"	NT-1232	1"

NS-57 15" Flex Handle

13266 Metal Box (14¾ x 2 1/16 x 1 5/8")

Set No. 6212



6217

17 PIECE — ½"-DRIVE SET

Gives a wider coverage with a range of 13 Sockets — Sizes 7/16" thru 1¼". This set is useful to mechanics in all fields.

6-POINT SOCKETS

NT-614	7/16"	NT-618	9/16"
NT-616	½"	NT-620	5/8"

12-POINT SOCKETS

NT-1222	11/16"	NT-1228	7/8"	NT-1234	1 1/16"
NT-1224	¾"	NT-1230	15/16"	NT-1236	1 1/8"
NT-1226	13/16"	NT-1232	1"	NT-1240	1¼"

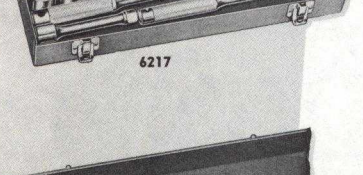
NS-24 5" Socket Extension

NS-65 10" Reversible Ratchet

NS-57 15" Flex Handle

13257 Metal Box (15¼ x 4 x 2")

Set No. 6217



6225

25 PIECE — ½"-DRIVE SOCKET SET

This proper selection of tools is a profitable investment for the mechanic who wants a savings of time and more efficient work from his tools.

6-POINT SOCKETS

NT-614	7/16"	NT-618	9/16"
NT-616	½"	NT-620	5/8"

12-POINT SOCKETS

NT-1222	11/16"	NT-1228	7/8"	NT-1234	1 1/16"
NT-1224	¾"	NT-1230	15/16"	NT-1236	1 1/8"
NT-1226	13/16"	NT-1232	1"	NT-1240	1¼"

12-POINT EXTRA DEEP SOCKETS

NTD-20	5/8"	NS-24	5" Socket Extension
NTD-22	11/16"	NS-25	10" Socket Extension
NTD-24	¾"	NS-65	Reversible Ratchet
NTD-26	13/16"	NS-57	15" Flex Handle
NTD-28	7/8"	NS-60	Universal Joint
NS-85	19" Speeder	31239	Metal Box (19 x 6 x 4¼")

Set No. 6225

HEAVY DUTY WRENCHES

3/4" Square Drive

The trend of building Buses, Trucks and even Tractors with streamlined bodies makes for tight places around the giant nuts and bolts which hold them together. Thin walled Heavy Duty Sockets and Heavy Duty Drive Parts are needed just as much on present day heavy duty vehicles as on passenger cars. Because business cars are money producers, quick service is vital. You will find New Britain Heavy Duty Drive Parts and Sockets to be money makers for you in every respect. The complete assortment of tools has been designed for maximum strength with the excess weight being eliminated. Every Tool is Triple Plate, Chrome finish to guard against weather and preserve its appearance.

REVERSIBLE RATCHET

A positive-grip ratchet that gives you extra strength for turning tough nuts. Precision engineered, 60 tooth mechanism permits close acting operation. Head is 2 3/8" in diameter. **Also available in 45 tooth design.**

Number		Length	Wgt.
NH-44	60 Tooth	20"	4½ lbs.
NH-45	45 Tooth	20"	4½ lbs.
NH-44R	60 Tooth	Ratchet Renewal Kit	
NH-45R	45 Tooth	Ratchet Renewal Kit	

HEAVY DUTY FLEX HANDLE

For many reasons a Flex Handle is the most widely used Heavy Duty attachment. Because this Tool has better balance, greater strength and the ability to get into tight corners, it will amaze you by its workability.

Number	Length	Wgt.
NH-55	19"	4 lbs.

HEAVY DUTY SLIDE TEE HANDLE

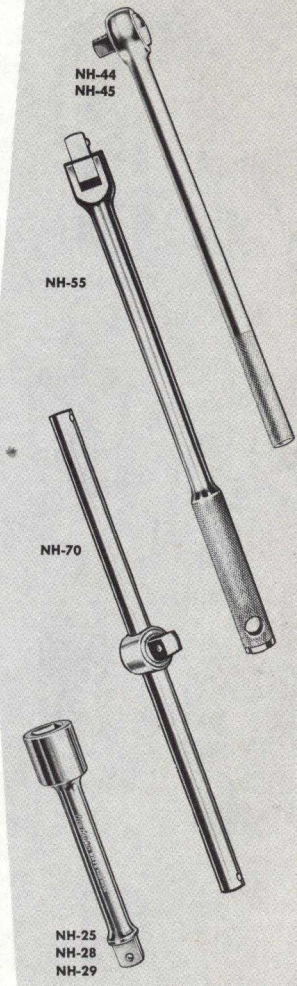
Its ability to serve as several different tools has always made it a favorite. It combines with extensions and universal joints to make very handy Tools.

Number	Length	Wgt.
NH-70	18"	3½ lbs.

HEAVY DUTY EXTENSIONS

Used in conjunction with any drive tool, they are indispensable on jobs in out of the way places.

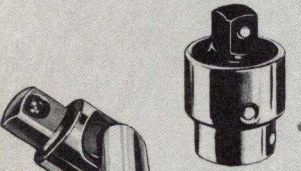
Number	Length	Wgt.
NH-25	4"	10 oz.
NH-28	8"	1 lb. 3 oz.
NH-29	16"	2 lbs.



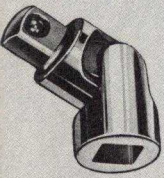
3/4" Square Drive Tools

NAPA New Britain HAND TOOLS

NH-1228 to NH-1276



NH-12



NH-60

NHP-624 to NHP-648

NHPD-624 to NHPD-648

NH-82
NH-83

12-POINT HEAVY DUTY SOCKETS

Part No.	Size	Part No.	Size	Part No.	Size
NH-1228	7/8"	NH-1244	1 3/8"	NH-1258	1 13/16"
NH-1230	15/16"	NH-1246	1 7/16"	NH-1260	1 7/8"
NH-1232	1"	NH-1248	1 1/2"	NH-1264	2"
NH-1234	1 1/16"	NH-1250	1 9/16"	NH-1268	2 1/8"
NH-1236	1 1/8"	NH-1252	1 5/8"	NH-1270	2 3/16"
NH-1238	1 3/16"	NH-1254	1 11/16"	NH-1272	2 1/4"
NH-1240	1 1/4"	NH-1256	1 3/4"	NH-1276	2 3/8"
NH-1242	1 5/16"				

RATCHET ADAPTOR

Fits between Handle and Socket to make reversible ratchet combination. Also excellent with Tension Indicators. Features 60-tooth ratcheting mechanism and 12-tooth compression engagement.

Part No.	Drive	Length	Weight
NH-12	3/4"	3 1/8"	2 lbs.

HEAVY DUTY UNIVERSAL JOINT

You cannot work around corners without using a Universal Joint. Permits free action up to 90°.

Number	Length	Wgt.
NH-60	4"	1 1/2 lbs.

STANDARD 6-POINT IMPACT SOCKETS

Made from special Alloy Steel these rugged impact sockets will stand up under punishing use.

Part No.	Size	Length	Weight
NHP-624	3/4"	2 1/8"	11 oz.
NHP-626	13/16"	2 1/8"	11 oz.
NHP-628	7/8"	2 1/8"	12 oz.
NHP-630	15/16"	2 1/8"	13 oz.
NHP-632	1"	2 1/8"	14 oz.
NHP-634	1 1/16"	2 1/8"	14 oz.
NHP-636	1 1/8"	2 1/8"	14 oz.
NHP-638	1 3/16"	2 1/4"	1 lb. 1 oz.
NHP-640	1 1/4"	2 1/4"	1 lb. 2 oz.
NHP-642	1 5/16"	2 1/4"	1 lb. 7 oz.
NHP-644	1 3/8"	2 1/2"	1 lb. 9 oz.
NHP-646	1 7/16"	2 1/2"	1 lb. 9 oz.
NHP-648	1 1/2"	2 1/2"	1 lb. 9 oz.

6-POINT DEEP IMPACT SOCKETS

Part No.	Size	Length	Weight
NHPD-624	3/4"	3 1/2"	1 lb.
NHPD-626	13/16"	3 1/2"	1 lb.
NHPD-628	7/8"	3 1/2"	1 lb.
NHPD-630	15/16"	3 1/2"	1 lb. 3 oz.
NHPD-632	1"	3 1/2"	1 lb. 3 oz.
NHPD-634	1 1/16"	3 1/2"	1 lb. 4 oz.
NHPD-636	1 1/8"	3 1/2"	1 lb. 8 oz.
NHPD-640	1 1/4"	3 1/2"	2 lbs. 5 oz.
NHPD-648	1 1/2"	3 1/2"	2 lbs. 5 oz.

HEAVY DUTY ADAPTERS

Number	Female	Male	Weight
NH-82	3/4"	1/2"	12 oz.
NH-83	3/4"	1"	12 oz.

3/4" Square Drive Sets

24-PIECE HEAVY DUTY SOCKET SET

This complete 3/4" Square Drive Set is designed for heavy duty work on buses, trucks, tractors, marine engines and equipment, and industrial machinery. Contains 17 sockets ranging from 15/16" to 2" plus all the necessary drive tools to perform the most rugged or exacting work. These tools will enable a mechanic to perform any job requiring extra strength.

12-POINT SOCKETS

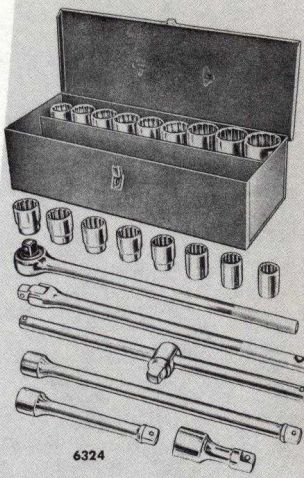
NH-1230	15/16"	NH-1242	1 5/16"	NH-1254	1 11/16"
NH-1232	1"	NH-1244	1 3/8"	NH-1256	1 3/4"
NH-1234	1 1/16"	NH-1246	1 7/16"	NH-1258	1 13/16"
NH-1236	1 1/8"	NH-1248	1 1/2"	NH-1260	1 7/8"
NH-1238	1 3/16"	NH-1250	1 9/16"	NH-1264	2"
NH-1240	1 1/4"	NH-1252	1 5/8"		

DRIVE PARTS

NH-25	4" Extension	NH-45	19 3/4" Revs. Ratchet
NH-28	8" Extension	NH-55	19" Flex Handle
NH-29	16" Extension	NH-70	18" Slide Tee

31231 Metal Box 20 3/8" x 8 3/8" x 5 1/2"

Number		Wgt.
6324	24 Pc. Set	46 1/2 lbs.



6324

14-PIECE HEAVY DUTY SOCKET SET

This is the ideal wrench set for all heavy duty work such as in construction and in assembling and maintaining tractors, mine machinery, industrial and marine equipment, engines and similar big units.

12-POINT SOCKETS

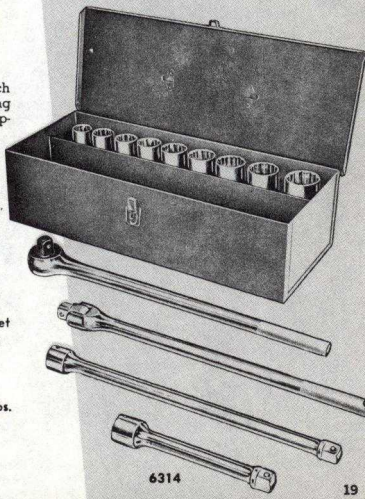
NH-1230	15/16"	NH-1236	1 1/8"	NH-1246	1 7/16"
NH-1232	1"	NH-1240	1 1/4"	NH-1248	1 1/2"
NH-1234	1 1/16"	NH-1244	1 3/8"	NH-1252	1 5/8"

DRIVE PARTS

NH-28	8" Extension	NH-45	Revs. Ratchet
NH-29	16" Extension	NH-55	Flex Handle

31231 Metal Box 20 3/8" x 8 3/8" x 5 1/2"

Number		Wgt.
6314	14 Pc. Set	22 1/2 lbs.

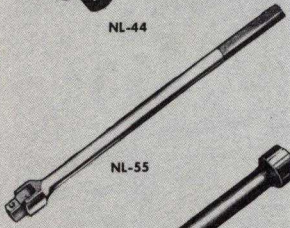


6314

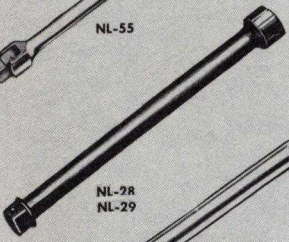
1" Square Drive Tools

NAPA New Britain HAND TOOLS

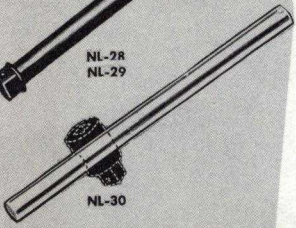
NL-44



NL-55



NL-28
NL-29



NL-30

NL-80

NL-71

REVERSIBLE MECHANICAL RATCHET

An extra heavy-duty Ratchet possessing the same refinements of smaller Ratchets, and despite its compactness, has brute strength for the toughest jobs. Because of the demand for both a long and short type wrench, the Ratchet is made as a head only and can be used with No. NL-30 Handle Bar inserted within the shank. Hole in shank grasps "Lock-On" plunger of Handle Bar.

Number		Length	Wgt.
NL-44	**60 Tooth**	8"	4 lbs. 7 oz.
NL-45	**45 Tooth**	8"	4 lbs. 7 oz.
NL-44R	**60 Tooth** Repair Kit		
NL-45R	**45 Tooth** Repair Kit		

FLEX HANDLE

A giant Flex Handle for use on hundreds of applications where nuts are hard to get at. Delivers tremendous power.

Number	Length	Wgt.
NL-55	25"	8 lbs. 3 oz.

EXTENSIONS

To get the added reach in that close corner, use these Extensions.

Number	Length	Wgt.
NL-28	7 ½"	3 lbs. 10 oz.
NL-29	16 ¾"	7 lbs.

CROSS BAR

Another dual purpose tool. Use it with the No. NL-71 Sliding Tee Head to make Tee or Ell combinations or use it with the No. NL-44 (or NL-45) Ratchet Head as Handle. Has center groove for engaging spring backed ball in the cross hole.

Number	Length	Wgt.
NL-30	23"	6 lbs. 6 oz.

REDUCING ADAPTER

Permits use of ¾" drive sockets with 1" drive parts. A valuable addition to any tool set.

Number	Length	Wgt.
NL-80	3"	1 lb.

SLIDING TEE HEAD ADAPTER

Used with No. NL-30 Handle Bar to make Tee or Ell combination. Has spring backed ball in cross hole to grip Bar firmly.

Number	Length	Wgt.
NL-71	3 ½"	1 lb. 8 oz.

NAPA New Britain HAND TOOLS

1" Square Drive Tools

12-POINT SOCKETS

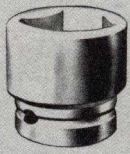
Number	Size	U.S.S. Bolt Size	Hex Head Cap Screw	S.A.E. Std. Screw & Nut	Wgt.
NL-1246	1 7/16"	7/8"		1"	1 lb.
NL-1248	1 1/2"	1"	1 1/8"		1 lb. 4 oz.
NL-1252	1 5/8"	1"		1 1/8"	1 lb. 4 oz.
NL-1258	1 13/16"	1 1/8"		1 1/4"	1 lb. 12 oz.
NL-1260	1 7/8"		1 1/4"		2 lbs. 4 oz.
NL-1264	2"	1 1/4"		1 3/8"	2 lbs. 4 oz.
NL-1270	2 3/16"	1 3/8"		1 1/2"	2 lbs. 12 oz.
NL-1272	2 1/4"		1 1/2"		2 lbs. 12 oz.
NL-1276	2 3/8"	1 1/2"			3 lbs. 4 oz.
NL-1280	2 1/2"				3 lbs. 4 oz.
NL-1282	2 9/16"	1 5/8"			3 lbs. 4 oz.
NL-1284	2 5/8"		1 3/4"		3 lbs. 8 oz.
NL-1288	2 3/4"	1 3/4"			4 lbs. 8 oz.
NL-1294	2 15/16"	1 7/8"			5 lbs. 4 oz.
NL-1296	3"		2"		5 lbs. 8 oz.
NL-1300	3 1/8"	2"			6 lbs. 8 oz.

NL-1246 to NL-1300

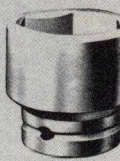
1" DRIVE 6 POINT IMPACT SOCKETS

These rugged, heavy duty sockets are precision engineered and built for industrial construction and truck jobs. They are made of alloy steel, drop forged, oil tempered with a black oxide finish for long life.

Number	Size	Length	Weight	Number	Size	Length	Weight
NL-1400	3/4"	2 1/4"	1 lb.	NL-1430	1 11/16"	2 5/8"	1 3/4 lbs.
NL-1402	7/8"	2 5/32"	1 lb.	NL-1432	1 3/4"	2 5/8"	2 1/2 lbs.
NL-1404	15/16"	2 5/32"	1 lb.	NL-1434	1 13/16"	2 5/8"	2 1/2 lbs.
NL-1406	1"	2 13/32"	1 lb.	NL-1436	1 7/8"	2 3/4"	2 1/2 lbs.
NL-1408	1 1/16"	2 13/32"	1 lb.	NL-1438	1 15/16"	2 3/4"	2 3/4 lbs.
NL-1410	1 1/8"	2 13/32"	1 lb.	NL-1440	2"	2 7/8"	2 3/4 lbs.
NL-1412	1 3/16"	2 15/32"	1 1/2 lbs.	NL-1442	2 1/16"	2 7/8"	2 3/4 lbs.
NL-1414	1 1/4"	2 17/32"	1 1/2 lbs.	NL-1444	2 1/8"	3"	3 1/4 lbs.
NL-1416	1 5/16"	2 17/32"	1 1/2 lbs.	NL-1446	2 3/16"	3"	3 1/2 lbs.
NL-1418	1 3/8"	2 1/2"	1 1/2 lbs.	NL-1448	2 1/4"	3"	3 lbs.
NL-1420	1 7/16"	2 1/2"	1 1/2 lbs.	NL-1450	2 5/16"	3 1/16"	3 3/4 lbs.
NL-1422	1 1/2"	2 1/2"	1 1/2 lbs.	NL-1452	2 3/8"	3 1/16"	3 1/2 lbs.
NL-1426	1 5/8"	2 1/2"	1 3/4 lbs.	NL-1454	2 7/16"	3 1/16"	3 1/2 lbs.
NL-1428	1 7/8"	2 1/2"	1 3/4 lbs.	NL-1456	2 1/2"	3 3/16"	3 1/2 lbs.



NL-1400 to NL-1432



NL-1434 to NL-1456

"O" RINGS

NL-1500 For Part Numbers NL-1400 Through NL-1430

NL-1502 For Part Numbers NL-1432 Through NL-1456

RETAINING PINS

NL-1506 For Part Numbers NL-1400 Through NL-1430

NL-1508 For Part Numbers NL-1432 Through NL-1456

15 PIECE EXTRA HEAVY DUTY SET

An extra heavy-duty set for the toughest jobs such as construction and maintenance work where strength is required.

12-Point Sockets

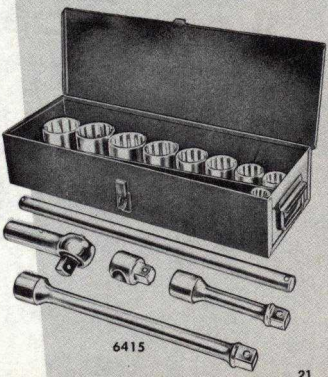
Number		Number	
NL-1246	1 7/16"	NL-1276	2 3/8"
NL-1252	1 5/8"	NL-1280	2 1/2"
NL-1258	1 13/16"	NL-1282	2 9/16"
NL-1264	2"	NL-1296	3"
NL-1270	2 3/16"		

Drive Parts

NL-28	7 1/2" Extension	NL-45	Ratchet
NL-29	16 3/4" Extension	NL-71	Slide Tee
NL-30	23" Handle Bar		

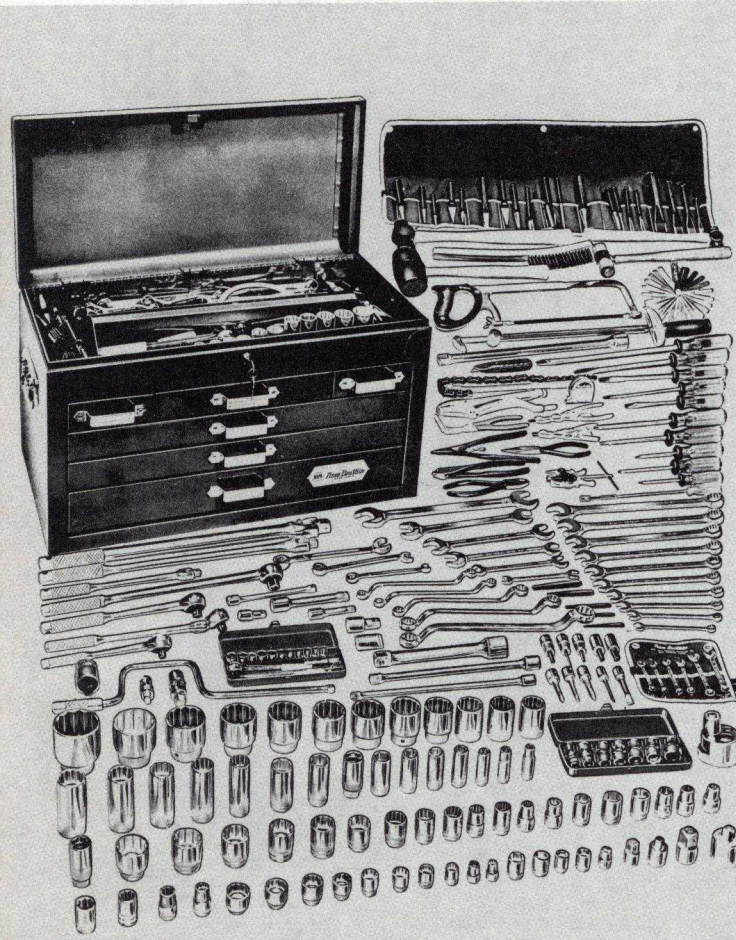
30442 Metal Box (23 5/8" x 8 1/2" x 5")

Number		Wgt.
6415	15-Piece Set	72 lbs.



6415

Master Set



NAPA New Britain HAND TOOLS

254 Piece Assortment

No. 6599 254 PIECE ASSORTMENT MASTER TOOL SET

1/2"-DRIVE — 8-POINT SOCKETS

NT-812 3/8" NT-814 7/16" NT-816 1/2" NT-818 9/16"

1/2"-DRIVE — 6 and 12-POINT SOCKETS

NT-614 7/16" NT-616 1/2" NT-618 9/16" NT-620 5/8"
NT-622 11/16" NT-624 3/4" NT-1214 7/16" NT-1216 1/2"
NT-1218 9/16" NT-1220 5/8" NT-1222 11/16" NT-1224 3/4"
NT-1226 13/16" NT-1228 7/8" NT-1230 15/16" NT-1232 1"
NT-1234 1 1/16" NT-1236 1 1/8" NT-1240 1 1/4"

1/2"-DRIVE — EXTRA DEEP 12-POINT SOCKETS

NTD-6265 13/16" Spark Plug Skt. NTD-26 13/16"
NTD-28 7/8" NTD-30 15/16"
NTD-32 1" NTD-34 1 1/16"

1/2"-DRIVE PARTS

NS-12 Ratchet Adapter NS-23 1 15/16" Extension NS-24 5" Extension NS-25 10" Extension
NS-31 10" Cross Bar NS-65 10" Revs. Ratchet NS-56 18" Flex Handle NS-60 Univ. Joint
NS-35 15" Revs. Ratchet NS-81 1/2" to 3/8" Red. Adapter NS-82 1/2" to 3/4" Inc. Adapter NS-92 15/16" Drag Lk. Soc.
NS-4916 Stud Extractor

3/8"-DRIVE — 6 and 12-POINT SOCKETS

NB-1210 5/16" NB-1212 3/8" NB-1214 7/16" NB-1216 1/2" NB-1218 5/8"
NB-1220 5/8" NB-1222 11/16" NB-1224 3/4" NB-1226 13/16" NB-1228 7/8"
NB-612 3/8" NB-614 7/16" NB-616 1/2" NB-618 9/16" NB-620 5/8"
NBF-12 3/8" Flex Skt. NBF-14 7/16" Flex Skt. NBF-16 1/2" Flex Skt. NBF-18 9/16" Flex Skt. NBF-20 5/8" Flex Skt.
NBF-22 11/16" Flex Skt. NBF-24 3/4" Flex Skt. 13657 Box

3/8"-DRIVE — EXTRA DEEP 6-POINT SOCKETS

NBD-612 3/8" NBD-614 7/16" NBD-616 1/2" NBD-618 9/16" NBD-620 5/8" NBD-622 11/16" NBD-624 3/4" NBD-626 13/16" NBD-6265 13/16" Spark Pl. Skt. NBD-628 5/8"

3/8"-DRIVE PARTS

NB-20 3" Extension NB-21 6" Extension NB-22 11" Extension NB-25 1 3/4" Extension NB-45 Revs. Ratchet
NB-51 10" Flex Handle NB-55 Flex Ratchet NB-85 16" Speeder NB-60 Univ. Joint NB-81 3/8" to 1/2" Inc. Adapt.
NB-106 7/16" Allen Wr. Bit NB-107 5/32" Allen Wr. Bit NB-108 1/4" Allen Wr. Bit 1225 6Pc. Wr. Set NB-109 5/16" Allen Wr. Bit
NB-110 3/8" Allan Wr. Bit NB-102 2" Phillips NB-103 3" Sc. Dr. Bit NB-104 4" Sc. Dr. Bit NB-122 .040 Sc. Dr. Bit NB-120 .035 Sc. Dr. Bit

1/4"-DRIVE SET

6016 Set 1/4"-Drive 13264 Box

3/4"-DRIVE — 12-POINT SOCKETS

NH-1230 15/16" NH-1232 1"
NH-1234 1 1/16" NH-1236 1 1/8"
NH-1240 1 1/4" NH-1242 1 3/16"
NH-1244 1 3/8" NH-1246 1 7/16"
NH-1248 1 1/2" NH-1252 1 7/8"
NH-1256 1 3/4" NH-1260 1 7/8"

NH-28 8" Extension NH-29 16" Extension NH-55 Flex Handle NH-82 2" Adapter

WRENCHES

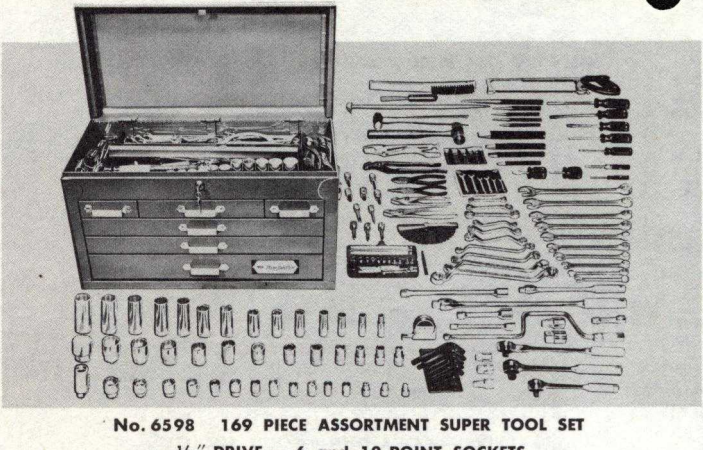
NDF-14 3/8" x 7/16" O.E. NDF-18 1/2" x 9/16" O.E. NDF-21 15/32" x 11/16" O.E. NDF-22 9/16" x 3/4" O.E. NDF-25 3/4" x 11/16" O.E. NDF-28 3/4" x 7/8" O.E. NDF-30 13/16" x 1" O.E. NDF-78 7/16" x 1/2" O.E. NDF-83 9/16" x 5/8" O.E. E-114 13/64" x 15/64" Ignition
E-116 7/32" x 1/4" Ignition E-124 9/32" x 5/16" Ignition E-130 11/32" x 3/8" Ignition NDF-400 3/8" x 7/16" 15° Sh. Bx. NDF-402 1/2" x 9/16" 15° Sh. Bx. NDF-404 5/8" x 11/16" 15° Sh. Bx. M-109 5/8" x 5/8" Hf. Moon CH-103 5/8" x 3/4" Hf. Moon NDF-300 3/8" x 7/16" B.E. NDF-302 1/2" x 5/8" B.E.
NDF-304 5/8" x 11/16" B.E. NDF-100 3/8" x 7/16" B.E. NDF-100H 3/8" x 7/16" B.E. NDF-102 1/2" x 5/8" B.E. NDF-104 5/8" x 11/16" B.E. NDF-108 3/4" x 7/8" B.E. NDF-50 3/8" x 3/8" C.W. NDF-52 7/16" x 7/16" C.W. NDF-54 1/2" x 1/2" C.W. NDF-56 5/8" x 5/8" C.W.
NDF-58 5/8" x 5/8" C.W. NDF-60 11/16" x 11/16" C.W. NDF-62 3/4" x 3/4" C.W. NDF-63 13/16" x 13/16" C.W. NDF-64 7/8" x 7/8" C.W. NDF-66 15/16" x 15/16" C.W. NDF-550 3/8" x 7/16" F.N. NDF-552 1/2" x 9/16" F.N. NDF-554 5/8" x 11/16" F.N.

OTHER TOOLS

H-77 Soft Face Hammer H-8-1 Ball Peen Hammer H-32-1 Ball Peen Hammer K-8 Putty Knife
P-67 Int. Snap Ring Plier P-68 Ext. Snap Ring Plier P-27 8" Slip Joint Plier P-45 6" Cutting Plier P-34 8" Parrot Nose Plier P-58 7 3/4" Lock Ring Plier P-582 6 1/2" Side Cutting Plier PB-18 Pry Bar
P-85 Spark Plug Term. Plier P-135 Battery Terminal Puller P-29 6" Slip Joint Pliers P-50 7" Diagonal Cutters D-44 4" Screw Driver D-46 6" Screw Driver D-66 6" Screw Driver D-68 8" Screw Driver D-512 12" Screw Driver D-12 Pocket Sc. Driver D-16 Spark Sc. Driver D-42 Adjusting Sc. Driver
DP-2 1 1/2" Phillips Sc. Dr. DP-3 3" Phillips Sc. Dr. DP-4 4" Phillips Sc. Dr. DP-6 6" Phillips Sc. Dr. SS-5 Screw Starter SWC-12 Universal Chain Wr. TW-150 Rd. Beam Torque Wr. M-470 Tin Snips M-135 3" Clutch Type Sc. Dr. M-136 4" Clutch Type Sc. Dr. M-137 5" Clutch Type Sc. Dr. MH-12 16 1/2" Magnet Tool
W-44 Tire and Rim Brush K-1 Shop Knife HSF-14 Hacksaw Frame AW-111 Lever Jaw Wr. A-10S Hex Key Wr. Set E-20 Screw Extractor Set E-46 Carburetor Adj. Tool FG-3 All Purp. Feeler Gauge FG-6 Special Wire Gauge F-202 Ignition Point File Chisel and Punch Set 320 NR-192 Rubber Mallet M-208 Steel Tape Rule

31234 Metal Box (24" x 11 3/8" x 9 3/8")

Super Set — 169 Piece Assortment



No. 6598 169 PIECE ASSORTMENT SUPER TOOL SET

1/2"-DRIVE — 6 and 12-POINT SOCKETS

NT-614	7/16"	NT-620	9/16"	NT-1226	13/16"	NT-1232	1"	NT-1236	1 1/16"
NT-616	1/2"	NT-1222	11/16"	NT-1228	7/8"	NT-1234	1 1/16"	NT-1240	1 1/4"
NT-618	5/8"	NT-1224	3/4"	NT-1230	15/16"				

1/2"-DRIVE — EXTRA DEEP 12-POINT SOCKETS

NTD-26	13/16"	NTD-28	7/8"	NTD-30	15/16"	NTD-32	1"	NTD-34	1 1/16"

1/2"-DRIVE PARTS

NS-23	1 13/16" Extension	NS-25	10" Extension	NS-56	18" Flex Handle	NS-81	1/2" to 3/8" Red. Adap.
NS-24	5" Extension	NS-65	Revs. Ratchet	NS-60	Univ. Joint	NS-82	1/2" to 3/4" Inc. Adap.

3/8"-DRIVE — 6 and 12-POINT SOCKETS

NB-1210	5/16"	NB-1218	3/8"	NB-1226	13/16"	NB-616	1/2"	NBF-14	7/16" Flex Skt.
NB-1212	3/8"	NB-1220	7/16"	NB-1228	7/8"	NB-618	9/16"	NBF-16	1/2" Flex Skt.
NB-1214	7/16"	NB-1222	11/16"	NB-612	3/8"	NB-620	5/8"	NBF-18	9/16" Flex Skt.
NB-1216	1/2"	NB-1224	3/4"	NB-614	7/16"				

3/8"-DRIVE — EXTRA DEEP 6-POINT SOCKETS

NBD-612	3/8"	NBD-616	1/2"	NBD-620	5/8"	NBD-624	3/4"	NBD-6265	13/16" Spark Pl. Skt.
NBD-614	7/16"	NBD-618	9/16"	NBD-622	11/16"	NBD-626	13/16"	NBD-628	7/8"

3/8"-DRIVE PARTS

NB-20	3" Extension	NB-55	Flex Ratchet	NB-103	3" Phillips Sc. Dr. Bit	NB-109	5/16" Allen Wr. Bit
NB-21	6" Extension	NB-60	Univ. Joint	NB-104	4" Phillips Sc. Dr. Bit	NB-110	3/8" Allen Wr. Bit
NB-25	1 3/4" Extension	NB-81	3/8" to 1/2" Inc. Adapt.	NB-106	3/16" Allen Wr. Bit	NB-120	.035 Sc. Dr. Bit
NB-45	Revs. Ratchet	NB-85	16" Speeder	NB-107	7/32" Allen Wr. Bit	NB-122	.040 Sc. Dr. Bit
NB-51	10" Flex Handle	NB-102	2" Phillips Sc. Dr. Bit	NB-108	1/4" Allen Wr. Bit	1225	6 Pc. Wr. Set

1/4"-DRIVE SET

6016 Set 1/4"-Drive 13264 Box

WRENCHES

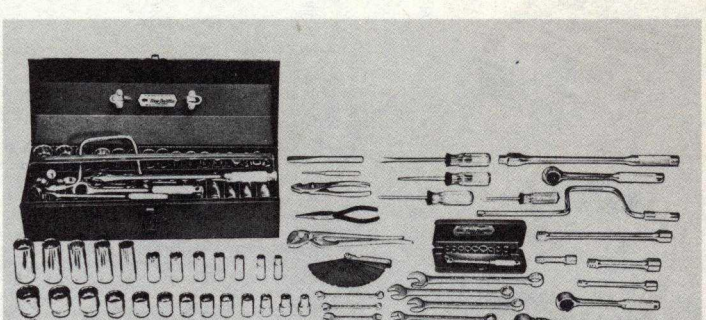
NDF-50	3/8" x 3/8" C.W.	NDF-62	3/4" x 3/4" C.W.	NDF-100	3/8" x 7/16" B.E.	NDF-304	5/8" x 11/16" B.E.
NDF-52	7/16" x 7/16" C.W.	NDF-63	13/16" x 13/16" C.W.	NDF-102	1/2" x 5/8" B.E.	NDF-400	3/8" x 7/16" 15° Sh. Bx.
NDF-54	1/2" x 1/2" C.W.	NDF-64	7/8" x 7/8" C.W.	NDF-104	5/8" x 11/16" B.E.	NDF-402	1/2" x 5/8" 15° Sh. Bx.
NDF-56	9/16" x 9/16" C.W.	NDF-66	15/16" x 15/16" C.W.	NDF-108	3/4" x 7/8" B.E.	NDF-404	5/8" x 11/16" 15° Sh. Bx.
NDF-58	5/8" x 5/8" C.W.	NDF-78	7/16" x 1/2" O.E.	NDF-300	3/8" x 7/16" B.E.	NDF-550	3/8" x 7/16" F.N.
NDF-60	11/16" x 11/16" C.W.	NDF-83	5/16" x 3/8" O.E.	NDF-302	1/2" x 9/16" B.E.	NDF-552	1/2" x 9/16" F.N.
						M-109	5/8" x 3/4" Hf. Moon

OTHER TOOLS

H-77	Soft Face Hammer	D-44	4" Shank Sc. Driver	925	5 1/2" Cold Chisel	W-44	Tire and Rim Brush
H-8-1	Ball Peen Hammer	D-46	6" Shank Sc. Driver	926	6 1/4" Cold Chisel	H5F-14	Hack Saw Frame
K-8	Putty Knife	D-66	6" Shank Sc. Driver	927	7" Cold Chisel	AW-111	Lever Jaw Wr.
P-27	8" Slip Joint Plier	D-12	Pocket Sc. Driver	928	8" Cold Chisel	A-105	Hex Key Wr. Set
P-45	6" Cutting Plier	D-16	Spark Sc. Driver	952	5" Prick Punch	E-20	Sc. Extractor Set
P-31	Rib Lock Plier	D-42	Adjusting Sc. Driver	955	6" Pin Punch	FG-3	All Purp. Feeler Ga.
P-582	6 1/2" Side Cut. Plier	DP-2	1 1/2" Phillips Sc. Dr.	956	6 1/8" Pin Punch	F-202	Ignition Point File
PB-18	Pry Bar	DP-3	3" Phillips Sc. Dr.	957	6" Pin Punch	M-208	Steel Tape Rule
P-29	6" Slip Joint Pliers	DP-4	4" Phillips Sc. Dr.	965	10 1/2" Taper Punch		

31234 Metal Box (24" x 11 3/4" x 9 3/4")

84 Piece Assortment — Multi Set



No. 6584 84 PIECE ASSORTMENT MULTI-DUTY TOOL SET

1/2"-DRIVE — 6 and 12-POINT SOCKETS

NT-614	7/16"	NT-1222	11/16"	NT-1230	15/16"
NT-616	1/2"	NT-1224	3/4"	NT-1232	1"
NT-618	9/16"	NT-1226	13/16"	NT-1234	1 1/16"
NT-620	5/8"	NT-1228	7/8"	NT-1236	1 1/8"
				NT-1240	1 1/4"

1/2"-DRIVE — EXTRA DEEP 12-POINT SOCKETS

NTD-26	13/16"	NDF-4	5/16" x 11/32"	O.E. Wr.	NDF-56	9/16" x 9/16"	C. Wr.
NTD-28	7/8"	NDF-5	3/8" x 7/16"	O.E. Wr.	NDF-58	5/8" x 5/8"	C. Wr.
NTD-30	15/16"	NDF-48	5/16" x 5/16"	C. Wr.	NDF-60	11/16" x 11/16"	C. Wr.
NTD-32	1"	NDF-50	3/8" x 3/8"	C. Wr.	NDF-62	3/4" x 3/4"	C. Wr.
NTD-34	1 1/16"	NDF-52	7/16" x 7/16"	C. Wr.	926	Cold Chisel	
NDF-3	1/4" x 9/32"	O.E. Wr. NDF-54	1/2" x 1/2"	C. Wr.	955	Pin Punch	

1/2"-DRIVE PARTS

NS-24	5" Extension	NS-65	Revs. Ratchet	NS-56	18" Flex Handle
NS-25	10" Extension			NS-60	Univ. Joint

3/8"-DRIVE — 6 and 12-POINT SOCKETS

NB-1222	11/16"	NB-612	3/8"	NB-620	5/8"
NB-1224	3/4"	NB-614	7/16"	NBF-14	7/16" Flex Skt.
NB-1226	13/16"	NB-616	1/2"	NBF-16	1/2" Flex Skt.
NB-1228	7/8"	NB-618	9/16"	NBF-18	9/16" Flex Skt.

3/8"-DRIVE — EXTRA DEEP 6-POINT SOCKETS

NBD-612	3/8"	NBD-618	9/16"	NBD-624	3/4"
NBD-614	7/16"	NBD-620	5/8"	NBD-626	13/16"
NBD-616	1/2"	NBD-622	11/16"	NBD-626S	13/16" Spark Pl. Skt.

3/8"-DRIVE PARTS

NB-20	3" Extension	NB-51	10" Flex Handle	NB-85	16" Speeder
NB-21	6" Extension	NB-55	Flex Ratchet	NB-60	Univ. Joint
NB-45	Revs. Ratchet			NB-81	1/2" to 3/8" Red. Adapt.

1/4"-DRIVE SET

6011 Set 1/4"-Drive 13265 Box

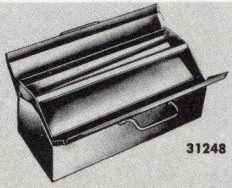
OTHER TOOLS

P-31	Rib Lock Plier	D-44	4" Shank Sc. Driver	DP-3	3" Phillips Sc. Driver
P-29	6" Slip Joint Plier	D-46	6" Shank Sc. Driver	DP-4	4" Phillips Sc. Driver
P-582	6 1/2" Side Cutting Plier			FG-3	All Purp. Feeler Gauge

30580 Metal Box (19 1/2" x 6 3/4" x 6 1/4")

Chests & Rollaways

NAPA New Britain HAND TOOLS

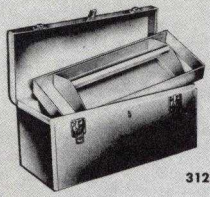


31248

TOOL BOX

Shape, size and style that's ideal for mechanics on the move or in the plant. And a price that's hard to beat. Long and shallow, with two-way open-wide cover, tools and parts are easy to reach. Both cover sections have full length piano hinge, plated handle. Heavy duty tote tray with socket divider.

Number	Dimensions	Weight
31248	19" x 6" x 6½"	7 lbs.

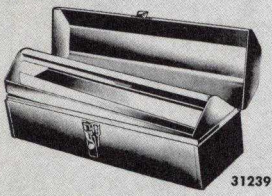


31252

TOOL BOX

The largest-selling tool box in the New Britain line — the size most mechanics want, and strength that outgrips any other. Built with bottom-bracing cap-end construction; husky full-length piano type hinge with watershed cover protector. Two heavy-duty positive catch draw-bolts with steel hasp end eyebolt for padlocking. 3-compartment tray. Comfort grip handle.

Number	Dimensions	Weight
31252	9½" x 20" x 8½"	11¼ lbs.



31239

TOOL BOX

Here's room for lots of tools in a compact box — at a compact price. The hip roof design provides the same space as many larger boxes and jumbo-size space in the tote tray. Heavy duty throughout with full length piano hinge, water-shed cover.

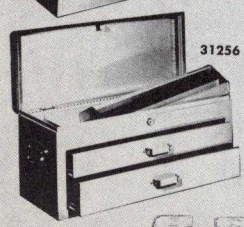
Number	Dimensions	Weight
31239	19¾" x 6" x 6"	7¼ lbs.

31244

TOOL BOX

Big, roomy, heavy-duty box with bonus capacity of hip-roof design. Ideal for mechanics and other professionals who carry bulky drills, soldering irons, etc. Jumbo-size, 2-compartment tote tray with easy-grip handle. Full length piano hinge with watershed cover. 2 oversize heavy duty positive lock drawbolts. Built with super strong cap-end construction.

Number	Dimensions	Weight
31244	19¾" x 8" x 7"	9¼ lbs.

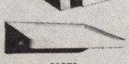


31256

TOOL CHEST

The New Britain compact chest, that is unique in size and quality. Heavy duty full suspension slides give chest drawers top load capacity and durability. Cover locks all drawers when closed. Strong tumbler lock secures cover. Big tote tray has formed steel comfort grip handle, supported by rails welded to front, back and sides. Cover has full length piano hinge. All hardware is heavy duty and heavily plated.

Number	Dimensions	Weight
31256	26" x 11¾" x 10"	37 lbs.



31272

31276

31278

HEAVY DUTY CASTERS:

Number	
31276	4" rigid casters
31278	4" swivel casters

AUXILIARY SHELF:

Number	
31272	Heavy duty shelf that slips onto rollaways.

TOOL CHEST

The 31260, designed for the professional and master mechanic. The extra strength, the mark of quality, the work of precision and the look of leadership, is only part of this chest design. Composed of heavy-gauge steel — corner posts that are twice as wide as most others — big full-length reinforcing channels — block welds at vital stress points — drawers that exceed 20-year durability standards — triple-coat no-mar finish. Chest drawers on heavy duty full suspension slides. Cover locks all drawers. Tumbler lock secures cover. Full length piano hinge. All hardware heavily plated.

Number	Dimensions	Weight
31260	26⅛" x 19" x 12⅛"	73½ lbs.

31260

TOOL CHEST

It's not how you make it good, its how good you make it. Here's where New Britain chests part company with other brands. Built with heavy gauge steel, exclusive internal reinforcing channels, double-width corner posts, flange-weld and one-piece bottom, no-mar finish. Chest drawers work on heavy-duty full suspension slides. Cover automatically locks all drawers when closed. Strong tumbler lock, two keys. Full-size lift out tray with comfort formed handle. Full length piano hinge. Hardware is heavily plated.

Number	Dimensions	Weight
31234	26⅛" x 15" x 12⅛"	60½lbs.

31234

TOOL CHEST

The model that challenges comparison for strength, load capacity, drawer-durability and value. Built with New Britain's exclusive internal reinforcing channels, double-width corner posts, flange-weld and one-piece bottom, no-mar finish. Cabinet drawers, on special wide-track roller slides, are extra strong, super smooth-working. They open with fingertip ease. The more weight they carry, the easier they glide. Panel front locks all drawers and compartment. 3-inch roller bearing wide-tread casters, 2 rigid and 2 swivel, with brake.

Number	Dimensions	Weight
31235	26⅜" x 32⅜" x 18"	101 lbs.

31235

TOOL CHEST

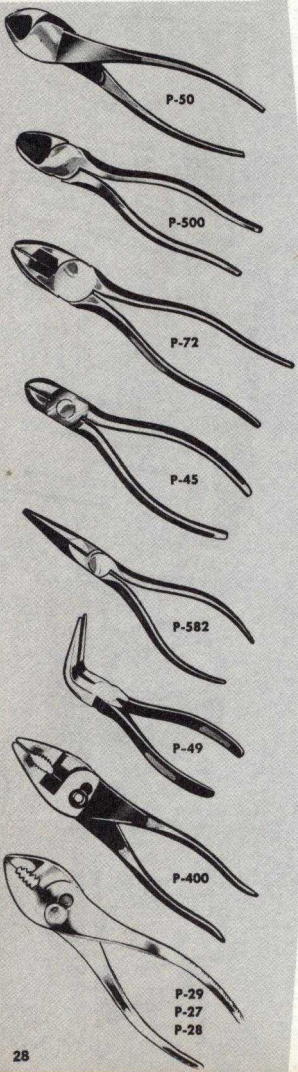
The King of all cabinets. This is the size where New Britain's extra strength construction really stands out — where quality shows in rigidity. The heavy-gauge steel — the corner posts that are twice as wide as most others — big full length reinforcing channels — block welds at vital stress points — drawers that exceed 20-year durability standards — triple-coat no-mar finish, all this with the research and knowledge of knowing what the mechanic wants. Super-strong, smooth working cabinet drawers. Panel front locks drawers and compartment. Big 4 inch roller bearing casters with wide tread, 2 rigid, 2 swivel with brake.

Number	Dimensions	Weight
31238	26⅜" x 40⅜" x 18"	120 lbs.

31238

Forged Pliers

NAPA New Britain HAND TOOLS



These New Britain pliers are hot drop forged from special analysis alloy steel. The cutting edges are hardened by electronic induction and honed by hand for keen edges that retain the sharpness.

HEAVY DUTY DIAGONAL CUTTING PLIERS

The sturdy construction, large cutting angle and spoon shaped jaws, make this a popular Plier with mechanics. Finish polished head.

Number	Size	Weight
P-50	7"	8 oz.

LARGE DIAGONAL PLIERS

A real handful that permits tremendous leverage and will quickly and surely cut all of the wire that you will ever encounter. Temper blue finish, polished heads.

Number	Size	Weight
P-500	7"	12 oz.

LINEMAN'S PLIERS

A new design in construction pliers developed in cooperation with Utilities Companies. You will appreciate its many advantages the moment you see and handle a pair of these heavy duty line pliers. Polished heads, temper blue handles.

Number	Size	Weight
P-72	8"	14 oz.

DIAGONAL CUTTING PLIERS

Very popular among automobile mechanics because the jaws are hardened to cut piano wire or choke wire. Finish polished head.

Number	Size	Weight
P-45	6"	5 oz.

LONG NOSE SIDECUTTING PLIERS

For some simple gripping jobs a low-priced plier will serve almost as well as a specially drop forged and heat treated product. However, for long reach work in any restricted corners, there is no choice about the tool to use. Temper blue finish, polished heads.

Number	Size	Weight
P-582	6½"	5 oz.

CURVED NEEDLE NOSE PLIERS

For use in deep and narrow places. Perfect for assembly or adjustments where clearance is limited.

Number	Length	Weight
P-49	6"	5 oz.

FLUSH BOLT SIDECUTTERS

Special New Britain flush bolt sidecutter for the automotive mechanic. The sidecutting jaws are real cutters. Use them for gripping and holding on all your work. Temper blue finish, polished heads.

Number	Size	Weight
P-400	7"	5 oz.

HEAVY DUTY SLIP JOINT COMBINATION PLIERS

Snub-nosed design with smooth-action slip joint. Powerful, sure-grip jaws. Chrome finish, knurled grip and polished.

Number	Size	Weight
P-29	6"	8 oz.
P-27	8"	10 oz.
P-28	10"	12 oz.

NAPA New Britain HAND TOOLS

Forged Pliers

RIB-LOCK PLIERS

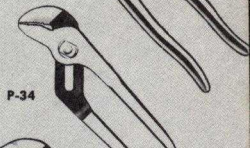
The rib construction of the joint takes all the strain off the nut and pin. This results in a far stronger plier. The greater the pressure, the tighter the grip, even when pressure is applied to only one handle. Full forged of high grade alloy steel.

Number	Length	Weight
P-31	10"	12 oz.

HEAVY DUTY PARROT NOSE PLIERS

Powerful gripping Pliers, drop forged from special alloy steel. The sturdy jaws grip like a pipe wrench. Three position, adjustable slip joint. Polished and buffed head.

Number	Size	Weight
P-34	8"	10 oz.



LARGE RIB JOINT PLIERS

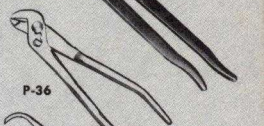
Multiple Rib grooves provide extra flexibility for application up to 2¾". Large plastic coated handles enable user to exert maximum pressure comfortably. 8 positions

Part No.	Length	Weight
P-33	14"	2 lbs.

IGNITION PLIERS

A midget Plier that is intended for heavy work. The exclusive design guarantees a solid grip on any small nut. Three adjustments with a ½" range.

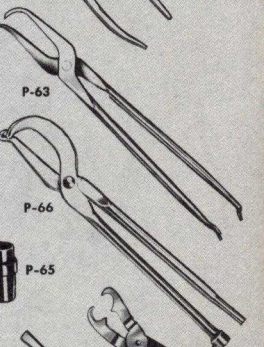
Number	Size	Weight
P-36	5"	½ lb.



BRAKE SPRING PLIERS ADAPTER

When attached to Brake Spring Pliers, the cup of this Adapter fits over anchor pin and anchor pin springs are lifted off easily by the Adapter lug.

Number	Size	Weight
P-65	1½"	6 oz.



BRAKE SPRING PLIERS

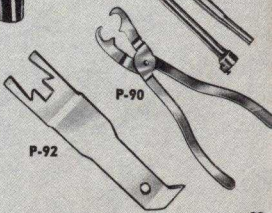
A sturdy Tool of the popular type for brake spring services. Has the leverage to handle the strongest springs with ease. Notched ends for adjustments. Polished head.

Number	Size	Weight
P-63	13"	12 oz.
P-66 With adapter for lifting anchor pins.	14"	18 oz.

DOOR CLIP REMOVAL TOOLS

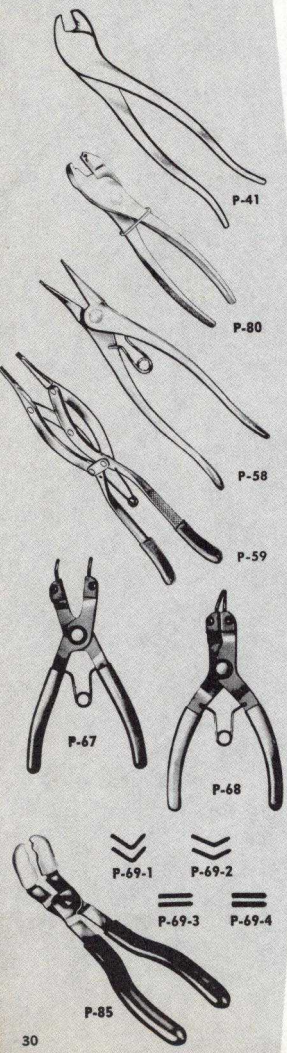
Removes horseshoe spring clip that holds inside door and window handles on most new and old model General Motors cars. Made of high grade alloy steel, heat treated and cadmium finished.

Part No.	Length	Weight
P-90 G.M.	7¾"	4 oz.
P-92 G.M. and Ford	6¾"	4 oz.



Special Pliers

NAPA New Britain HAND TOOLS



BATTERY PLIERS

Designed expressly for battery installation work. Offset jaws provide good knuckle clearance. Nickel plated. Heavy duty steel with polished and buffed head.

Number	Size	Weight
P-41	7"	10 oz.

HOSE CLAMP PLIERS

Handles standard type of hose clamps. Jaw openings hold the clamp in line or at right angles to the handle.

Part No.	Length	Weight
P-80	8"	12 oz.

LOCK RING PLIERS

Designed to spread snap lock rings and remove horseshoe type of brake key from brake shoe. Spring action keeps jaws in closed position for easy operation. Jaws notched and outside face knurled to prevent slipping.

Number	Size	Weight
P-58	7 3/4"	7 oz.

SNAP RING PLIERS

Pliers remove snap rings quickly and easily without damaging snap rings or bearing surfaces.

Number	Length	Weight
P-59	10"	6 oz.

SNAP RING PLIERS

An economy plier with easily interchangeable tips that makes snap ring installation and removal "a snap." Available in both external and internal types with four sets of tips. Plastic handles insure a non-slip comfortable grip. Hexagonal points are automatically aligned and cannot twist. Each plier is individually packed with four sets of interchangeable tips.

Part No.	Description
P-67	Internal Snap Ring Pliers
P-68	External Snap Ring Pliers
P-69-1	90° Angle Tip .035 Diameter
P-69-2	45° Angle Tip .045 Diameter
P-69-3	Straight Tip .045 Diameter
P-69-4	Straight Tip .060 Diameter

SPARK PLUG TERMINAL PLIERS

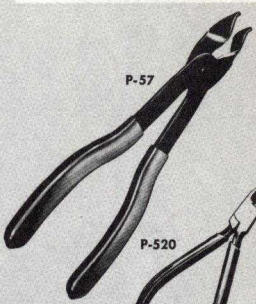
Removes Spark Plug Terminal Wires without fear of shock hazard up to 25,000 volts or more. These pliers have been designed and tested to withstand voltages far in excess of any a mechanic should encounter. Genuine Delrin "500" tips provide maximum shock protection and durability. Safety grips add dual protection and comfort. Note you have double protection from shock by insulating both handles and jaws. Is finished with a cadmium plating. Individually carded.

Part No.	Weight
P-85	4 oz.

BEZEL NUT PLIERS

Instrument panel controls, such as light, wiper, radio and ignition switches, plus antenna mounts, are usually held in place by a bezel nut. Using this new bezel nut plier, the mechanic can easily loosen or tighten these nuts, and in most cases, without removing the control knobs. Tool can be used on all sizes of bezel nuts. Comfort-grip handles are covered with red plastic.

Number	Length	Weight
P-57	7″	4 oz.

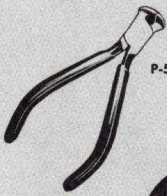


MIDGET PLIERS

New Britain midget pliers are drop forged from alloy steel, accurately machined, heat treated and tested for highest quality. Cutting edges are hand ground. All have oil and chemical resistant vinyl grips. Styles are carefully selected for precision work. All styles are 4-1/2″ long.

Midget Diagonal Cutting Pliers — semi-flush edges for close, accurate cutting.

Number	Size	Weight
P-520	4½″	3 oz.

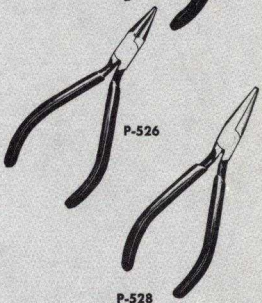


Midget End Cutting Nippers — high leverage semi-flush cutting.

Number	Size	Weight
P-522	4½″	3 oz.

Midget Needle Nose Pliers — slender jaws taper to a needle point.

Number	Size	Weight
P-524	4½″	3 oz.



Midget Round Nose Pliers — tapered, round jaws form accurate loops.

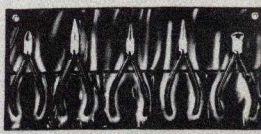
Number	Size	Weight
P-526	4½″	3 oz.

Midget Flat Nose Pliers — flat, wide jaws for stronger gripping.

Number	Size	Weight
P-528	4½″	3 oz.

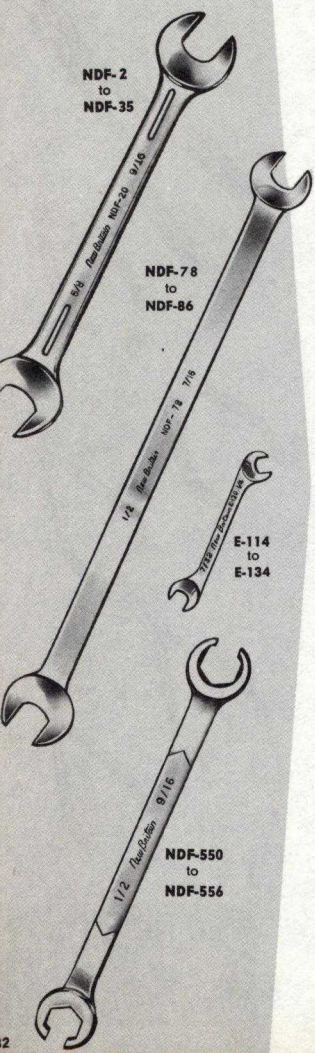
Midget Plier Set — contains the five above pliers packaged in an attractive reusable vinyl kit.

Number	Weight
P-530	1 Lb.



Open End Wrenches

NAPA New Britain HAND TOOLS



Thin heads, greater strength, and perfect balance is our standard for Open End Wrenches. Drop forged of the finest alloy steel, these Open Ends will resist the strain of constant use. The accurate broached openings insure proper fit.

Part No.	Sizes	Length	Weight
NDF-2 (miniature)	3/16" x 7/32"	2 1/2"	1 oz.
NDF-3 (miniature)	1/4" x 5/32"	3"	1 oz.
NDF-4 (miniature)	5/32" x 11/32"	3 3/4"	1 oz.
NDF-5 (miniature)	3/8" x 7/16"	4 1/4"	2 oz.
NDF-6 (miniature)	13/32" x 15/32"	4 1/4"	2 oz.
NDF-8	3/16" x 1/4"	3 7/8"	1 oz.
NDF-10	1/4" x 5/16"	4 3/4"	1 1/2 oz.
NDF-12	5/16" x 3/8"	4 15/16"	2 oz.
NDF-14	3/8" x 7/16"	5 1/2"	2 oz.
NDF-16	7/16" x 1/2"	5 7/8"	3 oz.
NDF-18	1/2" x 9/16"	6 1/2"	3 oz.
NDF-20	9/16" x 5/8"	7 1/4"	4 oz.
NDF-21	19/32" x 11/16"	7 3/8"	4 oz.
NDF-22	5/8" x 3/4"	8"	6 oz.
NDF-23A	11/16" x 3/4"	8 7/16"	6 oz.
NDF-25	3/4" x 13/16"	9 1/8"	9 oz.
NDF-27	29/32" x 31/16"	9 3/4"	10 oz.
NDF-28	3/4" x 7/8"	9 7/8"	12 oz.
NDF-29	7/8" x 15/16"	12 13/16"	13 oz.
NDF-30	15/16" x 1"	12 13/16"	15 oz.
NDF-33	1" x 1 1/8"	13 7/8"	20 oz.
NDF-34	1 1/8" x 1 1/4"	14 7/8"	1 1/2 lbs.
NDF-35	1 1/16" x 1 1/4"	14 7/8"	1 1/2 lbs.

TAPPET WRENCHES

Double end. Offset heads. A new design in tappet wrenches which eliminates needless duplication of lengths and sizes. These are short enough to take care of the small clearance jobs and yet long enough to handle practically all of the work on present day cars.

Part No.	Opening	Length	Wgt.
NDF-78	7/16" x 1/2"	10"	3 1/2 oz.
NDF-80	7/16" x 17/32"	10"	3 1/2 oz.
NDF-82	1/2" x 9/16"	10"	3 1/2 oz.
NDF-83	9/16" x 5/8"	10"	4 oz.
NDF-84	5/8" x 11/16"	10"	4 1/2 oz.
NDF-86	3/4" x 7/8"	10"	6 oz.

IGNITION OPEN END WRENCHES

Every Wrench has the correct angle to perfectly fit the nuts for which it is engineered.

Part No.	Opening Size 15° Angle	Opening Size 60° Angle	Length	Wgt.
E-114	13/64"	x 15/64"	2 3/4"	1/2 oz.
E-116	7/32"	x 1/4"	2 3/4"	1/2 oz.
E-118	15/64"	x 17/64"	2 3/4"	1/2 oz.
E-120	1/4"	x 7/32"	3 1/16"	1/2 oz.
E-122	17/64"	x 19/64"	3 1/16"	1/2 oz.
E-124	9/32"	x 5/16"	3 1/16"	1/2 oz.
E-128	5/16"	x 9/32"	3 3/4"	1/2 oz.
E-130	11/32"	x 3/8"	3 3/4"	1/2 oz.
E-132	3/8"	x 11/32"	3 3/4"	1/2 oz.
E-134	7/16"	x 1/2"	4 3/8"	1/2 oz.

FLARE NUT WRENCHES

Useful in aviation, refrigeration, automotive and tractor work. These Wrenches prevent rounding off the corners and damaging soft brass flare nuts. The milled opening permits the Wrench to be slipped over copper tubing used on fuel, oil and vacuum lines.

Part No.	Sizes	Length	Slots	Weight
NDF-550	3/8" - 7/16"	5 3/4"	3/16" - 1/4"	2 oz.
NDF-552	1/2" - 9/16"	6 7/8"	5/16" - 3/8"	3 oz.
NDF-554	5/8" - 11/16"	8"	7/16" - 1/2"	4 oz.
NDF-556	3/4" - 7/8"	9"	9/16" - 3/4"	8 oz.

NAPA New Britain HAND TOOLS

Combination Wrenches

Every day more mechanics turn to this type of wrench. The same opening on each end makes it easy to work on square or hex nuts. Offset for maximum clearance.

6-POINT MINIATURE COMBINATION WRENCHES

Part No.	Size	Length	Weight
NDF-40	7/32" x 7/32"	3"	1 oz.
NDF-41	1/4" x 1/4"	3"	1 oz.
NDF-42	9/32" x 9/32"	3 1/2"	1 oz.
NDF-43	5/16" x 5/16"	3 1/2"	1 oz.
NDF-44	11/32" x 11/32"	4 3/16"	2 oz.
NDF-45	3/8" x 3/8"	4 3/16"	2 oz.

6-POINT COMBINATION WRENCHES

Part No.	Opening	Length	Weight
NDF-48H	5/16" x 5/16"	4 1/4"	2 oz.
NDF-50H	3/8" x 3/8"	5 1/4"	2 oz.
NDF-52H	7/16" x 7/16"	5 7/8"	2 oz.
NDF-54H	1/2" x 1/2"	6 3/8"	3 oz.
NDF-56H	9/16" x 9/16"	7 1/2"	4 oz.
NDF-58H	5/8" x 5/8"	8 3/8"	4 oz.
NDF-60H	11/16" x 11/16"	9 1/8"	6 oz.
NDF-62H	3/4" x 3/4"	10"	6 oz.

12-POINT COMBINATION WRENCHES

Part No.	Opening	Length	Wgt.
NDF-48	5/16" x 5/16"	5 1/4"	2 oz.
NDF-50	3/8" x 3/8"	5 1/2"	2 oz.
NDF-52	7/16" x 7/16"	5 7/8"	2 1/2 oz.
NDF-54	1/2" x 1/2"	6 3/8"	3 oz.
NDF-56	9/16" x 9/16"	7 1/2"	4 oz.
NDF-58	5/8" x 5/8"	8 3/8"	4 1/2 oz.
NDF-60	11/16" x 11/16"	9 1/8"	6 oz.
NDF-62	3/4" x 3/4"	10"	8 oz.
NDF-63	13/16" x 13/16"	10 7/8"	9 oz.
NDF-64	7/8" x 7/8"	11 3/8"	10 oz.
NDF-66	15/16" x 15/16"	12 1/2"	13 oz.
NDF-68	1" x 1"	13 3/16"	14 oz.
NDF-70	1 1/16" x 1 1/16"	14 1/4"	16 oz.
NDF-72	1 1/8" x 1 1/8"	15"	17 oz.
NDF-74	1 1/4" x 1 1/4"	16 3/16"	18 oz.
NDF-75	1 5/16" x 1 5/16"	17 1/2"	19 oz.
NDF-75A	1 3/8" x 1 3/8"	18 1/2"	19 oz.
NDF-76	1 7/16" x 1 7/16"	19 1/4"	20 oz.

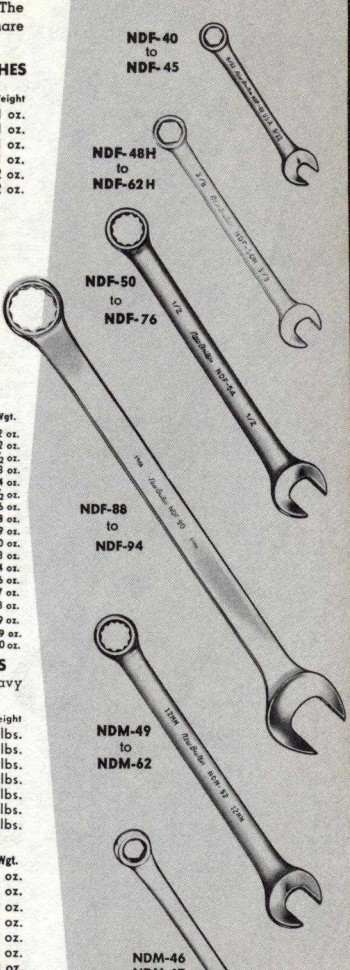
LARGE 12-POINT COMBINATION WRENCHES

Large size combination wrenches for application on heavy duty equipment and industrial use.

Part No.	Openings	Length	Weight
NDF-88	1 1/2" x 1 1/2"	21 5/16"	3.0 lbs.
NDF-89	1 5/8" x 1 5/8"	22 3/4"	3.9 lbs.
NDF-90	1 11/16" x 1 11/16"	22 3/4"	3.8 lbs.
NDF-91	1 3/4" x 1 3/4"	26"	6.9 lbs.
NDF-92	1 13/16" x 1 13/16"	26"	6.7 lbs.
NDF-93	1 7/8" x 1 7/8"	26"	6.6 lbs.
NDF-94	2" x 2"	26"	6.4 lbs.

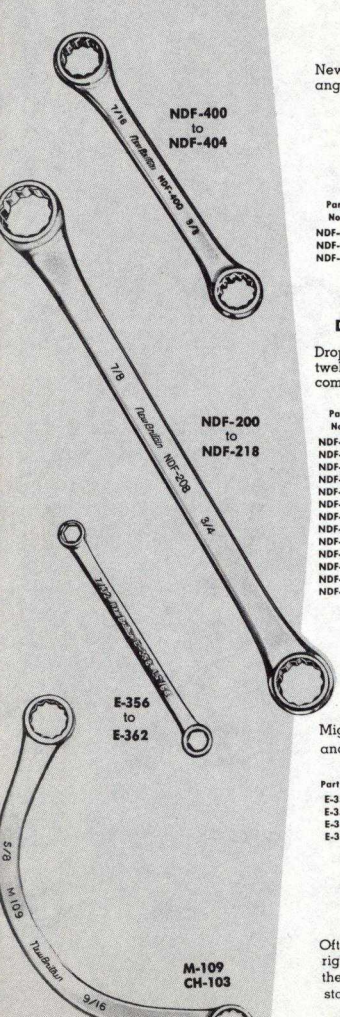
METRIC-SIZE COMBINATION WRENCHES

Part No.	Pt.	Size MM	Length	Wgt.
NDM-46	6	6	2 3/4"	1 oz.
NDM-47	6	7	3 1/2"	1 oz.
NDM-49	6	9	4 3/4"	2 oz.
NDM-50	12	10	5 1/8"	2 oz.
NDM-51	12	11	5 1/4"	2 oz.
NDM-52	12	12	6 3/4"	3 oz.
NDM-53	12	13	6 3/4"	3 oz.
NDM-54	12	14	7 1/2"	4 oz.
NDM-55	12	15	8 1/4"	4 1/2 oz.
NDM-57	12	17	9 1/2"	6 oz.
NDM-59	12	19	10"	8 oz.
NDM-61	12	21	10 7/8"	9 oz.
NDM-62	12	22	11 3/8"	10 oz.



Box End Wrenches

NAPA New Britain HAND TOOLS



NDF-400 to NDF-404

NDF-200 to NDF-218

E-356 to E-362

M-109 CH-103

New design insures better fit of box on nut. Better working angle gives greater leverage.

DELUXE SHORT BOX ENDS, 15° 12-POINT

Drop forged for better balance and fit.

Part No.	Opening	Length	Wgt.
NDF-400	3/8" x 7/16"	4"	1 1/2 oz.
NDF-402	1/2" x 9/16"	4 3/4"	3 oz.
NDF-404	5/8" x 11/16"	5 1/2"	4 oz.

DELUXE LONG BOX ENDS, 15° 12-POINT

Drop forged from finest alloy steel. Carefully broached in twelve point. Smallest number of non-duplicating sizes gives complete range from 3/8" up to 1 3/8".

Part No.	Opening	Length	Wgt.
NDF-200	3/8" x 7/16"	7 5/8"	4 oz.
NDF-201	7/16" x 1/2"	8"	6 oz.
NDF-202	1/2" x 9/16"	8 1/2"	6 oz.
NDF-203	9/16" x 5/8"	9 1/4"	7 oz.
NDF-204	5/8" x 11/16"	9 9/16"	7 oz.
NDF-205	5/8" x 3/4"	10"	10 oz.
NDF-206	3/4" x 25/32"	10 5/16"	12 oz.
NDF-208	3/4" x 7/8"	10 15/16"	12 oz.
NDF-210	13/16" x 7/8"	12 1/8"	12 oz.
NDF-212	15/16" x 1"	12 1/4"	22 oz.
NDF-214	1 1/16" x 1 1/8"	15 1/8"	22 oz.
NDF-216	1 1/4" x 15/16"	17 3/8"	27 oz.
NDF-218	1 1/4" x 1 3/8"	17 3/8"	27 oz.

IGNITION BOX END WRENCHES

Mighty midgets for work on carburetors, starters, generators and electrical work in general.

Part No.	Opening	Length	Wgt.
E-356	3/16" x 13/64"	3"	1/2 oz.
E-358	7/32" x 15/64"	3 1/4"	1/2 oz.
E-360	1/4" x 9/32"	3 7/16"	1/2 oz.
E-362	5/16" x 11/32"	3 11/16"	1/2 oz.

HALF MOON BOX ENDS

Often referred to as Obstruction Wrenches, these Tools are rightly named. They actually will work around corners and they have many other uses, on such work as: manifolds, starters and carburetors.

Number	Size Openings	Length	Wgt.
M-109	9/16" x 5/8"	7 3/4"	5 oz.
CH-103	5/8" x 3/4"	7 3/4"	5 oz.

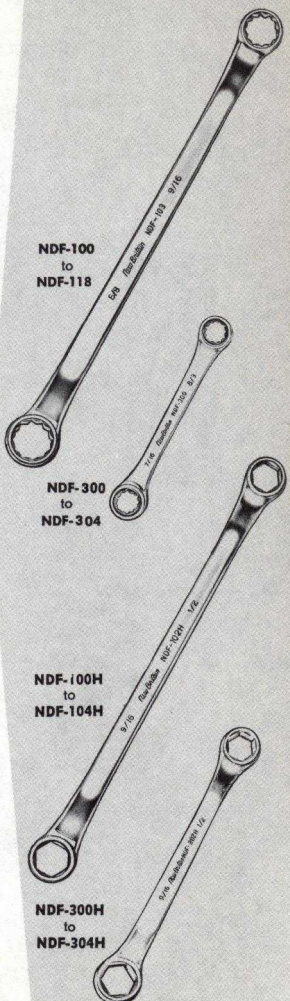
Box End Wrenches

These modern Wrenches have comfortable handles. Accurately broached openings — perfect balance, neat trim heads. Made from Alloy Steel for long rugged use. Triple plated copper, nickel and chrome.

DELUXE LONG BOX ENDS, 45° 12-POINT

45° offset used for "hard to get at places."

Part No.	Opening	Length	Wgt.
NDF-100	3/8" x 7/16"	7 5/8"	4 oz.
NDF-101	7/16" x 1/2"	8"	4 oz.
NDF-102	1/2" x 9/16"	8 1/2"	6 oz.
NDF-103	9/16" x 5/8"	9 3/16"	6 oz.
NDF-104	5/8" x 11/16"	9 15/16"	7 oz.
NDF-105	5/8" x 3/4"	10 1/2"	7 oz.
NDF-106	3/4" x 25/32"	11 1/8"	12 oz.
NDF-108	3/4" x 7/8"	11 7/8"	12 oz.
NDF-110	13/16" x 7/8"	12 9/16"	18 oz.
NDF-112	15/16" x 1"	14 1/4"	22 oz.
NDF-114	1 1/16" x 1 1/8"	15 1/2"	22 oz.
NDF-116	1 1/4" x 1 3/8"	18 1/2"	2 1/2 lbs.
NDF-118	1 7/16" x 1 5/8"	23 1/4"	4 lbs.



DELUXE SHORT BOX ENDS, 45° 12-POINT

Engineered for firm grip.

Part No.	Opening	Length	Net Wgt. Each
NDF-300	3/8" x 7/16"	4 1/2"	1 1/2 oz.
NDF-301	7/16" x 1/2"	4 7/8"	2 1/2 oz.
NDF-302	1/2" x 9/16"	5 3/16"	3 oz.
NDF-303	9/16" x 5/8"	5 9/16"	3 1/2 oz.
NDF-304	5/8" x 11/16"	6"	4 oz.

6-POINT 45 LONG BOX END WRENCHES

Part No.	Openings	Length	Weight
NDF-100H	3/8 " x 7/16 "	7 5/8 "	3 oz.
NDF-102H	1/2 " x 9/16 "	8 1/2 "	6 oz.
NDF-104H	5/8 " x 11/16 "	9 15/16 "	7 oz.

6-POINT 45 SHORT BOX END WRENCHES

Part No.	Openings	Length	Weight
NDF-300H	3/8 " x 7/16 "	4 1/2 "	1 oz.
NDF-302H	1/2 " x 9/16 "	5 3/16 "	3 oz.
NDF-304H	5/8 " x 11/16 "	6 "	4 oz.

Forged Wrench Sets

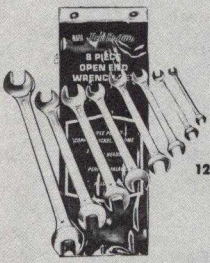
NAPA New Britain HAND TOOLS

1255

MINIATURE OPEN-END WRENCH SET

Part No.	Size	Part No.	Size
NDF-2	3/16" x 7/32"	NDF-5	3/8" x 7/16"
NDF-3	1/4" x 9/32"	NDF-6	13/32" x 15/32"
NDF-4	5/16" x 11/32"	1255K	Plastic Kit

Set No. 1255 5-Piece Set — Wgt. 6 oz.



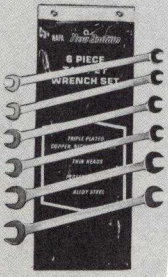
1258

8-PIECE — OPEN END WRENCH SET

NDF-10	1/4" x 5/16"	NDF-22	5/8" x 3/4"
NDF-14	3/8" x 7/16"	NDF-27	25/32" x 13/16"
NDF-18	1/2" x 9/16"	NDF-28	3/4" x 7/8"
NDF-21	19/32" x 11/16"	NDF-30	15/16" x 1"

1258K Plastic Kit

Number		Wgt.
1258	8 Pc. Set	3½ lbs.



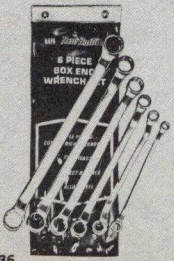
1206

6-PIECE — TAPPET WRENCH SET

(2) NDF-80	7/16" x 17/32"	(2) NDF-84	5/8" x 11/16"
(2) NDF-82	1/2" x 9/16"		

1206K Plastic Kit

Number		Wgt.
1206	6 Pc. Set	1¼ lbs.



1247

6-PIECE — LONG 45° BOX WRENCH SET

NDF-100	3/8" x 7/16"	NDF-106	3/4" x 25/32"
NDF-102	1/2" x 9/16"	NDF-110	13/16" x 7/8"
NDF-104	5/8" x 11/16"	NDF-112	15/16" x 1"

1247K Plastic Kit

Number		Wgt.
1247	6 Pc. Set	3 lbs.

Forged Wrench Sets

MINIATURE COMBINATION WRENCH SET

Part No.	Size	Part No.	Size
NDF-40	7/32"	NDF-43	5/16"
NDF-41	1/4"	NDF-44	11/32"
NDF-42	9/32"	NDF-45	3/8"
		1225K	Plastic Kit

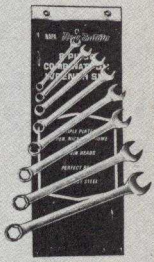
Set No. 1225 6-Piece Set — Wgt. 6 oz.

1225

COMBINATION WRENCH SET

Part No.	Size	Part No.	Size
NDF-48H	5/16"	NDF-56H	7/16"
NDF-50H	3/8"	NDF-58H	5/8"
NDF-52H	7/16"	NDF-60H	11/16"
NDF-54H	1/2"	NDF-62H	3/4"
		1228K	Plastic Kit

Set No. 1228 8-Piece Set — Wgt. 1 lb.14 oz.



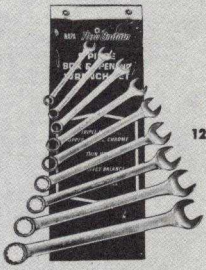
1228

9-PIECE—BOX & OPEN END WRENCH SET

NDF-50	3/8"	NDF-60	11/16"
NDF-52	7/16"	NDF-62	3/4"
NDF-54	1/2"	NDF-64	7/8"
NDF-56	9/16"	NDF-66	15/16"
NDF-58	5/8"		

1229K Plastic Kit

Number		Wgt.
1229	9 Pc. Set	1½ lbs.



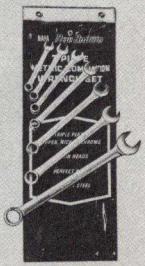
1229

7-PIECE—COMBINATION METRIC SET

NDM-49	6 Pt.	9 MM	NDM-54	12 Pt.	14 MM
NDM-50	12 Pt.	10 MM	NDM-57	12 Pt.	17 MM
NDM-51	12 Pt.	11 MM	NDM-59	12 Pt.	19 MM
NDM-52	12 Pt.	12 MM			

1237K Plastic Kit

Number		Wgt.
1237	7-Piece Set	1½ lbs.



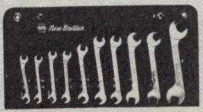
1237

10-PIECE—IGNITION OPEN END WRENCH SET

	15° Angle	60° Angle		15° Angle	60° Angle
E-114	13/64"	15/64"	E-124	9/32"	5/16"
E-116	7/32"	1/4"	E-128	5/16"	9/32"
E-118	15/64"	17/64"	E-130	11/32"	3/8"
E-120	1/4"	7/32"	E-132	3/8"	11/32"
E-122	17/64"	19/64"	E-134	7/16"	1/2"

E-10K Plastic Kit

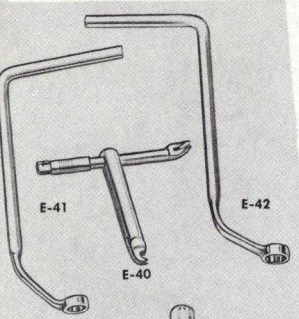
Number		Wgt.
E-10	10 Pc. Set	½ lb.

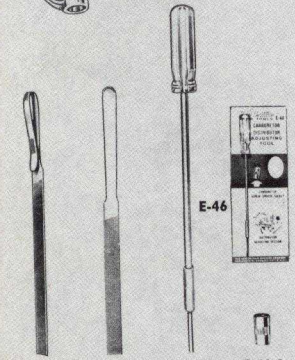


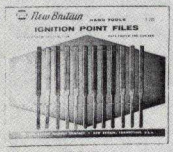
E-10

Ignition Tools

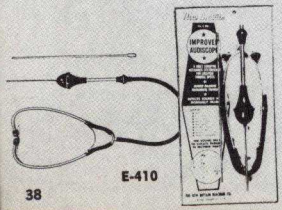
NAPA New Britain HAND TOOLS







F-201



New Britain Ignition Tools are of perfect balance and designed for delicate work on magnetos, generators, carburetors, electrical parts — wherever fine work is important.

POINT BENDER

Universal Point aligning tool designed to handle all makes including Ford except heavy duty Delco stationary points.

Number	Wgt.
E-40	4 oz.

1/2" DISTRIBUTOR WRENCH

Specially designed distributor wrench for those "hard to get at" distributor clamp studs. Fits Cadillac, and all Chrysler Corporation cars.

Number	Wgt.
E-41	4 oz.

9/16" DISTRIBUTOR WRENCH

Distributor wrench for Chevrolets, Buicks, Pontiacs and Oldsmobiles.

Number	Wgt.
E-42	5 oz.

DISTRIBUTOR-CARBURETOR ADJUSTING TOOL

The 1/8" hex bit is used for Delco-Remy external adjustment distributors. The non-slip screw driver adapter with covering sleeve is used to adjust carburetors where obstructions hamper visual observation or use of regular screw driver. Constructed of special "Non-Kink" flexible steel shaft — shockproof plastic handle — specially hardened steel bit — all for long rugged wear.

Number		Wgt.
E-46	Complete Tool	4 oz.
E-46-1	Carburetor Socket	

IGNITION POINT FILE

Especially double cut for all types of ignition points. No. F-202 has handle end turned to form pocket clip. No. F-203 formed with flat handle.

Number	Length	Wgt.
F-202	5 1/2"	1 oz.
F-203	5 1/2"	1 oz.

IGNITION POINT FILE DISPLAY

These cards displaying 12 No. F-203 Files sell on sight. Every garage doing ignition work needs a supply of these double cut Files. Guaranteed to file tungsten.

Number	Size	Wgt.
F-201	6 1/2" x 9"	6 oz.

IMPROVED AUDIOSCOPE

An improved sensitive mechanic's stethoscope for locating trouble spots. Detects sounds not normally heard in moving parts such as bearing knocks, piston slaps, noisy valves, rear end noises, body squeaks, distributor bearings, vacuum leaks, air leaks and water pump squeaks.

Number	Wgt.
E-410	8 oz.

Ignition Tools

SPARK PLUG GAPPING TOOL

This useful Tool gaps spark plugs quickly and accurately, assures a uniform, parallel gap for a fatter, surer spark. Saves mechanic's time and trouble by gauging and setting electrodes in one quick operation. Gauge Wheel sets opening — .018, .020, .022, .025, .027, .028, .030, .032, .034, .035.

Number		Number		
GT-20	Tool Complete	GT-2	Pressure Pad	Wgt.
GT-1	Gauge Plate	GT-3	Wave Washer	12 oz.

GT-20

REMOTE STARTER SWITCH

Completely shockproof and 4½ feet long, this durable, rubber insulated Extension permits the mechanic to start the car engine while working under the hood or on a creeper — saves time and trouble by eliminating the need for a helper when testing compression, vacuum or fuel pump.

Number	Length	Wgt.
SS-15	4½ feet	12 oz.

SS-15

BATTERY LIFTERS

Its unique construction guarantees a firm grip automatically on any terminal post whether new or old. The strap is resistant to battery acids and it will give long and satisfactory service.

Number		Wgt.
M-180	Short Battery Lifter	4 oz.
M-182	Long Battery Lifter	6 oz.

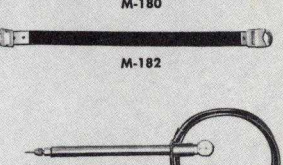
M-180

M-182

ALTERNATOR DIODE TESTER

This compact diode tester will immediately tell if a diode is defective. Using a method recommended by all of the OEM alternator manufacturers, the test prods are connected to the diode lead stem and diode case. Then the test prods are reversed. If a diode is good the tester will light in one direction only. The tester also permits the user to identify whether a particular diode is positive or negative.

Part No.	Weight
E-26	6 oz.

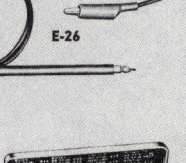


E-26

SNAP-GAP POINT SETTING KIT

This precision kit facilitates the quick and accurate setting of points for nearly every car since 1946 without the necessity of removing the distributor or rotating the engine. The Snap-Gap micro-precision ring converts the distributor cam into a perfect circle eliminating all need to adjust cam position. It aids in point adjustment where distributors are hard to reach and will also permit setting of dual points in one operation.

Part No.	Description
E-48	Snap Gap Set
	SET CONTAINS
E-48A	For Autolite "8" and Holly (Ford) "8"
E-48B	For Delco "8" and Autolite "8"
E-48C	For Autolite "4" and "6"
E-48D	For Holly (Ford) "6"
E-48E	For Delco "6"
E-48F	Feeler Gauge
E-48G	Calibrated Point Setting Distributor Tool

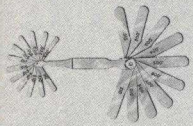


E-48

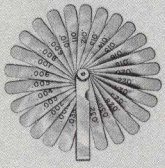
NAPA New Britain HAND TOOLS

FG-1

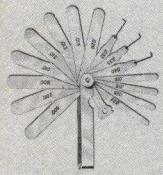
FG-2



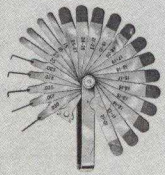
FG-3



FG-4

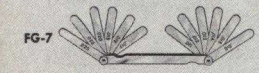


FG-5



FG-6

FG-7



FEELER GAUGES

New Britain Feeler Gauges include every size and type for accurate work on spark plug gaps, distributor and ignition points and tappet adjustments. They are manufactured from the finest quality Swedish Steel to guarantee continued accuracy.

STANDARD FEELER GAUGE

Contains ten 3⁵⁄₁₆″ x ½″ blades of the following thicknesses: .002, .003, .004, .005, .006, .007, .008, .010, .012 and .015.

Number	Wgt.
FG-1	2 oz.

COMBINATION VALVE AND IGNITION FEELER GAUGE

Contains ten 3″ x ½″ blades on one end, of the following thicknesses: .002, .003, .004, .005, .006, .007, .008, .010, .013, .015; and twelve 1¾″ x ¼″ blades on the other end, of the following thicknesses: .011, .012, .013, .014, .015, .016, .017, .018, .019, .020, .022 and .025.

Number	Wgt.
FG-2	4 oz.

ALL PURPOSE FEELER GAUGE

Contains twenty-five 3⁵⁄₁₆″ x ½″ blades of the following thicknesses: .0015, .002, .003, .004, .005, .006, .007, .008, .009, .010, .011, .012, .013, .014, .015, .016, .018, .020, .022, .024, .025, .028, .030, .032 and .035.

Number	Wgt.
FG-3	3 oz.

CHEVROLET FEELER GAUGE

Contains eight 3⁵⁄₁₆″ x ½″ regular blades in the following sizes: .006, .007, .008, .010, .012, .013, .015, .020. Four 3⁵⁄₁₆″ x ¼″ Ignition Blades: .016, .018, .020, .022. Three 90° offset wire blades: .032, .035, .040. One electrode bending tool.

Number	Wgt.
FG-4	2 oz.

FORD FEELER GAUGE

Contains thirteen step-ground 3⁵⁄₁₆″ x ½″ Go-No-Go blades of the following thicknesses: .010-.012, .011-.013, .012-.014, .013-.015, .014-.016, .015-.017, .016-.018, .017-.019, .018-.020, .019-.021, .021-.023, .024-.026, .025-.027.
Four 3⁵⁄₁₆″ x ¼″ Ignition Blades, .015, .016, .020, .025.
Three 90° offset wire blades: .025, .028, .035.
Two straight wire blades: .017, .030.
One electrode bending tool.

Number	Wgt.
FG-5	2 oz.

SPARK PLUG SPECIAL WIRE GAUGE

A new development for precision spacing of spark plug gaps. 8 wire gauges 1¾″ long: — .022; .025; .028; .030; .032; .035; .038; .040. The ends of wires are turned at an angle to set electrodes below the shell. — 8 Units.

Number	Wgt.
FG-6	1 oz.

IGNITION FEELER GAUGE

Contains twelve 1¾″ x ¼″ blades of the following thicknesses .011, .012, .013, .014, .015, .016, .017, .018, .019, .020, .022 and .025.

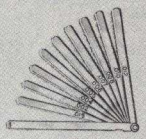
Number	Wgt.
FG-7	2 oz.

FEELER GAUGES

BRAKE ADJUSTING FEELER GAUGE

Contains nine 4" x ¼" blades in the following thicknesses for checking brake clearances: .002, .004, .005, .006, .007, .008, .010, .012, .015.

Number	Wgt. Pkg.
FG-8	2 oz.

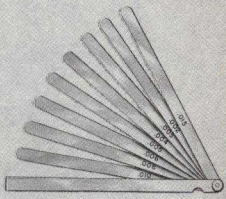


FG-8

PISTON FEELER GAUGE

Contains eight 9" x ½" blades of the following thicknesses: .002, .003, .004, .005, .006, .008, .010 and .015.

Number	Wgt. Pkg.
FG-9	3 oz.

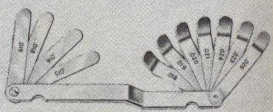


FG-9

COMBINATION O.H.V. GAUGE

Contains seven 3 5/16" x ½" blades with 45° offset of the following thicknesses: .018, .019, .020, .021, .024, .025, .026 and four straight 3 5/16" x ½" in the following thicknesses: .015, .016, .018 and .019. This gauge especially useful on Ford, Mercury and Studebaker motors.

Number	Length	Wgt.
FG-12	7 ⅛"	2 oz.

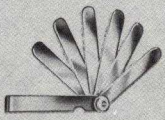


FG-12

IGNITION FEELER GAUGE

Contains 7 sizes — 3¼" long: .013; .015; .016; .017; .020; .022; .025 — 7 units.

Number	Wgt.
FG-13	1 oz.

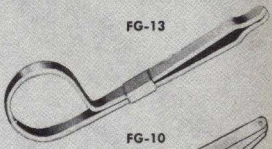


FG-13

FEELER GAUGE BLADE HOLDER

Made to handle separate feeler blades, easily and without damage. Metal slide ferrule clamps blade firmly. Different blades can be inserted in seconds. Blades listed below.

Number		Wgt.
FG-10	Single Blade Holder	½ oz.

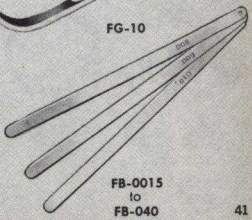


FG-10

FEELER GAUGE BLADES

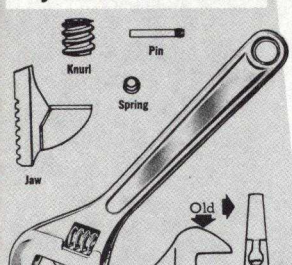
Made of Swedish Steel in 12" lengths for use in above Holders. Blades plainly marked. Have hole in end so that by inserting bolt, you can make up set as desired.

FB-0015	.0015	FB-011	.011	FB-021	.021
FB-002	.002	FB-012	.012	FB-022	.022
FB-003	.003	FB-013	.013	FB-025	.025
FB-004	.004	FB-014	.014	FB-027	.027
FB-005	.005	FB-015	.015	FB-028	.028
FB-006	.006	FB-016	.016	FB-030	.030
FB-007	.007	FB-017	.017	FB-032	.032
FB-008	.008	FB-018	.018	FB-035	.035
FB-009	.009	FB-019	.019	FB-040	.040
FB-010	.010	FB-020	.020		



FB-0015 to FB-040

Adjustable Wrenches

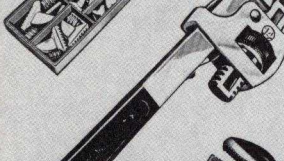


AW-4 to AW-15

AW-53

AW-54

SW-6 to SW-24



SW-110
SW-114
SW-118

SWC-12

NAPA New Britain HAND TOOLS

ADJUSTABLE WRENCHES

If you have used Adjustable Wrenches for a long time, you will appreciate this new improved Wrench. Its unique construction permits it to hold nuts more firmly than the old style Wrenches and it has added strength where it is most needed. The jaws are not only non-slip in their hold on the nut, but due to their extreme thinness, they can be used in many places where other Wrenches will not enter. 22½° Angle.

Number	Size	Capacity	Head Thickest Point	Tip of Jaw	Wgt.
AW-4	4"	½"	5/16"	⅛"	2 oz.
AW-6	6"	¾"	13/32"	7/32"	4 oz.
AW-8	8"	15/16"	15/32"	¼"	8 oz.
AW-10	10"	1 1/8"	9/16"	⅜"	14 oz.
AW-12	12"	1 5/16"	¾"	17/32"	1 lb. 8 oz.
AW-15	15"	1 ¾"	31/32"	19/32"	2 lbs. 4 oz.

REPLACEMENT PARTS

Assortment of Replacement Parts for Adjustable Wrenches as listed in table below. Packed in sturdy box.

No. AW-53 (old style) **No. AW-54** (new style)

Wrench Size	Jaws	Knurls	Pins	Springs
4"	2	2	2	2
6"	3	4	4	4
8"	3	4	4	4
10"	2	2	2	2
12"	1	2	2	2

STILLSON WRENCHES

An improved type of Pipe Wrench completely drop forged. Engineered for heavy duty work. On many jobs nothing will perform so well as a Stillson Wrench and no wrench will give a firmer grip or stand a harder pull than a New Britain Stillson Wrench.

Number	Size	Capacity	Wgt.
SW-6	6"	½"	4 oz.
SW-8	8"	¾"	11 oz.
SW-10	10"	1"	1 lb. 8 oz.
SW-14	14"	1½"	2 lb. 10 oz.
SW-18	18"	2"	4 lb.
SW-24	24"	2½"	7 lb. 4 oz.

PIPE WRENCHES Heavy Duty Type

This Heavy Duty Pipe Wrench is made of pearlitic malleable alloy steel. Scientifically designed for maximum strength and safety with minimum amount of weight. Is heat-treated, has precision milled teeth, replaceable lower jaw.

Number	Sizes	Capacity	Weight
SW-110	10"	⅛"-1½"	2 lbs.
SW-114	14"	¼"- 2"	3½ lbs.
SW-118	18"	¼"-2½"	5¼ lbs.

UNIVERSAL CHAIN WRENCH

If you need to get a firm, slip-proof grip on round, hexagonal or square material, this Chain Wrench will do it. No matter what the shape is, it is held in a vise like grip. Excellent for all maintenance work, for steamfitters, plumbers and well drillers. It's an all purpose wrench. Handle made of forged steel, chain is heavy double link that will take tremendous torque.

Number	Capacity	Length	Weight
SWC-12	⅝" to 4½"	11½"	1 lb. 12 oz.

MODULATOR WRENCH

A sensational new wrench specially designed for easy removal and installation of vacuum modulator control units on GM and Ford automatic transmissions. Fits around frame rails, exhaust pipes and speedometer cables. Handles the three most popular size modulators; one double end for 7/8" and 1" modulators and a single end, 3/4" for the majority of Ford modulators.

Number	Size	Weight
NDF-575	7/8" x 1" x 3/4"	6 oz.

LEVER JAW WRENCHES

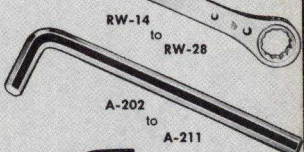
The patented FINGERTIP release opens wrench instantly, no matter how tightly locked to the work — with just the pressure of a fingertip. Exerts over 1000 lbs. of pressure

Number	Length	Wgt.	Number	Length	Wgt.
AW-107	8 1/2"	12 oz.	AW-111	10"	1 lb. 4 oz.

RATCHETING BOX WRENCHES

Convenient for use on long studs and in tight spaces, this heat treated Alloy Steel Wrench is practical for nuts which can not be reached with sockets.

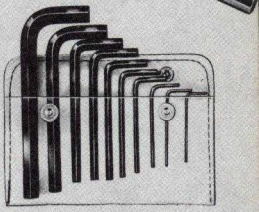
Number	Size	Opening	Length	Wgt.
RW-14	3/8" x 7/16"	6 Pt.	5 1/2"	3 oz.
RW-18	1/2" x 9/16"	6 Pt.	6 3/4"	6 oz.
RW-19	5/8" x 11/16"	12 Pt.	8"	10 oz.
RW-22	5/8" x 3/4"	12 Pt.	8"	10 oz.
RW-28	3/4" x 7/8"	12 Pt.	9 1/4"	12 oz.



HEX KEY WRENCHES

Since the widespread use of hollow head cap screws and set screws it becomes necessary to have a complete set of these Hex Key Wrenches. Used on all types of industrial and automotive equipment.

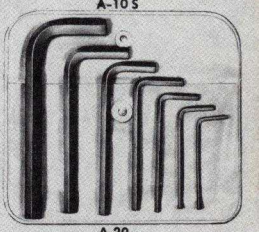
Number	Size	Fits Set Screws	Fits HH Cap Screws	Length Short Arm	Length Long Arm	Wgt.
A-202	1/16	6	. .	9/16	1 3/4	1/2 oz.
A-203	5/64	8	. .	39/64	1 7/8	1/2 oz.
A-204	3/32	10 & 12	. .	21/32	2	1/2 oz.
A-205	1/8	1/4	8	3/4	2 1/4	1/2 oz.
A-206	5/32	5/16	10	27/32	2 1/2	1 oz.
A-207	3/16	3/8	1/4	15/16	2 3/4	1 oz.
A-208	7/32	7/16	5/16	1 1/32	3	1 oz.
A-209	1/4	1/2	3/8	1 1/8	3 1/4	2 oz.
A-210	5/16	5/8	3/8 & 7/16	1 1/4	3 3/4	2 oz.
A-211	3/8	3/4	1/2	1 3/8	4 1/4	2 oz.



HEX KEY WRENCH SET

Consists of the 10 wrenches listed above. The complete range of wrenches for greatest utility are offered in this set. Contained in handy plastic case.

Number	Wgt.
A-10-S	6 oz.
A-10-SK Kit	



7 PIECE METRIC HEX KEY WRENCH SET

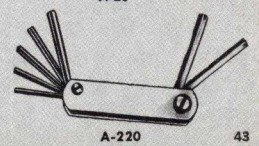
Set contains 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm and 8mm Metric Hex Key Wrenches, plus reusable vinyl pouch. Ends are accurately shaped to fit screws; wrenches are rugged enough to loosen tighest screws.

Number	
A-20	2 MM 2.5 MM 3 MM 4 MM 5 MM 6 MM 8 MM

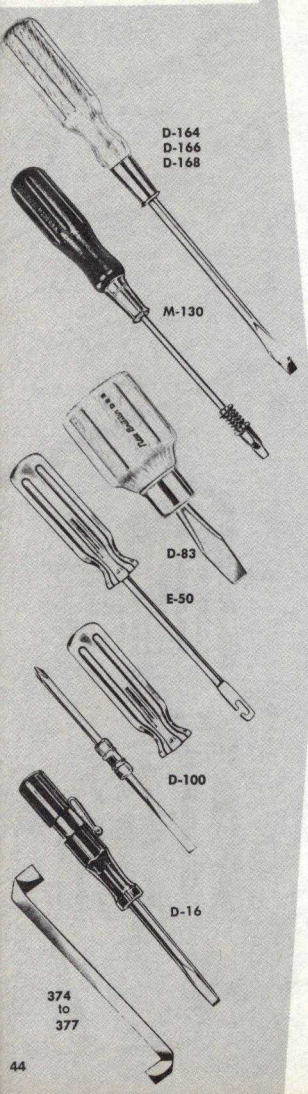
HANDY HEX KEY WRENCH SET

A dandy tool to have on hand because in one small case you have 7 of the most popular Hex Key Wrenches. Folds up to be carried in pocket.

Number		Weight
A-220	Hex. Key Wrench Set consisting of 7 different size wrenches, sizes: 1/16", 5/64", 3/32", 1/8", 5/32", and 3/16".	4 oz.



Screw Drivers



STANDARD BLADES–WOOD HANDLES

A general purpose screw driver of exceptional strength and utility. Appreciated by the mechanic who wants a good quality tool to turn screws with, and not to use as a cold chisel or pry bar.

Number	Size of Blade	Width of Tip	Overall	Weight
D-164	4"	1/4"	9"	2 oz.
D-166	6"	5/16"	11 3/4"	4 oz.
D-168	8"	3/8"	15"	10 oz.

SCREW HOLDING SCREW DRIVER

For starting or taking out screws in difficult places. Spring steel fingers grip screw securely yet release instantly when desired. Alloy blade—fluted wood handle.

Number	Size Blade	Width of Tip	Overall	Weight
M-130	4"	1/4"	8"	3 oz.

ADJUSTING SCREW DRIVER

A useful little screw driver for adjustments on cars and machines. Hardwood handles, tempered steel blades.

Number	Size of Blade	Width of Tip	Overall	Weight
D-83	1 3/4"	1/4"	4"	1 oz.

HEADLITE SPRING TOOL

Special spring tool positions or retrieves headlight springs. Invaluable aid to mechanics in automotive, electrical and appliance trades.

Number	Length	Weight
E-50	7 1/2"	5 oz.

REVERSIBLE SCREW DRIVER

Solves on-the-spot requirements for proper blade style. 1/4" x No. 2 Phillips — change blades in a snap. One driver does the job of two.

Number	Size of Blade	Width of Tip	Overall	Weight
D-100	Std. Bl. 2 1/2"	Std. Bl. 1/4"	7"	4 oz.
	Phil. 2 1/2"	Phil. 2 Pt.	7"	4 oz.

SPARK DETECTING SCREW DRIVER

Two Tools in one — an efficient Spark Plug Tester and a real Screw Driver. Use it for testing spark plugs, auto and tractor ignition systems. Has a breakproof, shock-proof plastic handle.

Number	Blade Length	Blade Dia.	Wgt.
D-16	2 1/4"	1/8"	1 oz.

OFFSET SCREW DRIVERS

Offset Screw Drivers with bits at right angles. Especially adapted to drag link adjustments. Hardened and tempered.

Number	Stock	Length	Weight
374	3/16"	4"	1 oz.
375	1/4"	4 1/2"	1 oz.
376	5/16"	5 1/2"	1 oz.
377	3/8"	6 1/2"	1 oz.

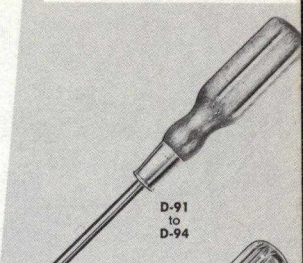
SCREW DRIVERS

These New Britain Screw Drivers feature a blow-stop Nylon Plug to prevent the blade from being driven through the handle when pounded. The exclusive patented handle design is of extruded plastic for uniform toughness and has a No-roll feature that makes it stay where it lays. Chrome plated alloy steel blades with precision "cross ground" tips for accurate, full bite, slip-resisting fit in screw slots.

PHILLIPS SPECIAL ALLOY BLADE SCREW DRIVERS

Equipped with fine clear maple handles for a good solid grip. Yet the blades are made from the finest alloy steel to insure a tight grip that will not slip.

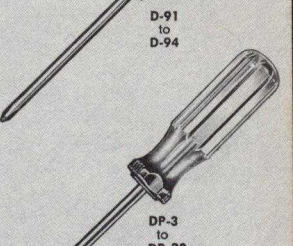
Number	Phillips Screw Size	Blade Length	Wgt.
D-91	No. 1 Pt.	3"	1 oz.
D-92	No. 2 Pt.	4"	2 oz.
D-93	No. 3 Pt.	6"	4 oz.
D-94	No. 4 Pt.	8"	8 oz.



PHILLIPS SCREW DRIVER—PLASTIC HANDLE

The Phillips type, equipped with new patented exclusive handle design of extruded plastic. Extension of blade well into handle assures maximum torque.

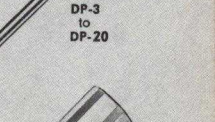
Number	Phillips Screw Size	Bar Length	Wgt.
DP-3	No. 1 Pt.	3"	2 oz.
DP-4	No. 2 Pt.	4"	3 oz.
DP-6	No. 3 Pt.	6"	5 oz.
DP-8	No. 4 Pt.	8"	8 oz.
DP-20	No. 2 Pt.	20"	8 oz.



PHILLIPS ADJUSTING SCREW DRIVERS

Made in Phillips screw sizes No. 1 and 2 for getting at Phillips screws in tight places. Have wood handle.

Number	Phillips Screw Size	Blade Length	Wgt.
D-911	No. 1 Pt.	1"	1 oz.
D-912	No. 2 Pt.	1½"	2 oz.



STUBBY PHILLIPS SCREW DRIVERS

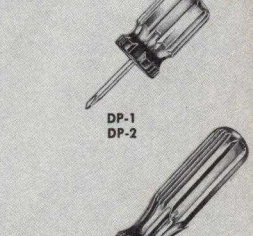
These extruded plastic handle Stubby Phillips are designed for work where space is limited. Overall length only 3⅜".

Number	Phillips Screw Size	Blade Length	Wgt.
DP-1	No. 1 Pt.	1"	2 oz.
DP-2	No. 2 Pt.	1½"	2 oz.

CLUTCH TYPE SCREW DRIVERS

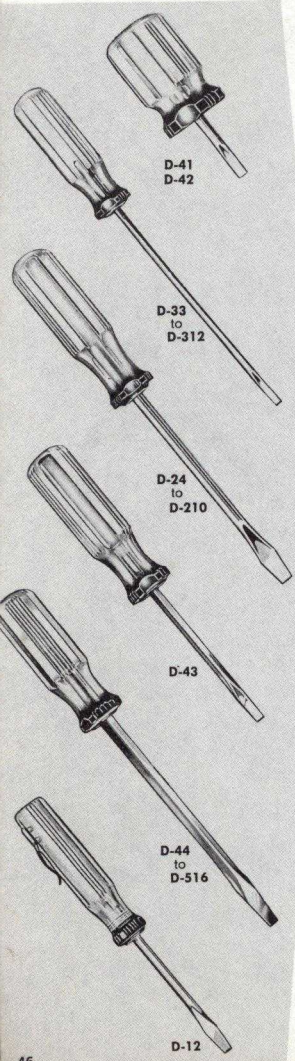
For the new clutch or "figure 8" type screws which are becoming more and more popular. Complete coverage with 4 sizes. Extruded plastic handle for uniform toughness.

Number	Width of Tip	Blade Length	Overall	Wgt.
M-135	5/32"	3"	6½"	3 oz.
M-136	3/16"	4"	7½"	4 oz.
M-137	1/4"	5"	9¼"	6 oz.
M-138	5/16"	5"	9¼"	6 oz.



Screw Drivers

NAPA New Britain HAND TOOLS



ADJUSTING SCREW DRIVERS

Generators in particular require strong compact Screw Drivers to reach many of the screws. These were made especially for that purpose.

Number	Blade Length	Tip Width	Overall Length	Wgt.
D-41	1 1/4"	3/16"	3 1/4"	2 oz.
D-42	1 3/4"	1/4"	3 5/8"	2 oz.

ELECTRICIANS ROUND SHANK SCREW DRIVERS

Here's long reach plus slimness to get into tight places.

Number	Blade Length	Tip Width	Overall Length	Wgt.
D-33	3"	3/16"	5 1/4"	1 oz.
D-36	6"	3/16"	9 1/2"	2 oz.
D-310	10"	3/16"	13 1/2"	2 oz.
D-312	12"	3/16"	15 1/2"	3 oz.

HEAVY ROUND SHANK SCREW DRIVERS

Analysis controlled selected quality chrome plated steel blades.

Number	Blade Length	Tip Width	Overall Length	Wgt.
D-24	4"	1/4"	7 1/2"	2 oz.
D-26	6"	5/16"	10 1/4"	4 oz.
D-28	8"	3/8"	13"	7 oz.
D-210	10"	3/8"	15"	8 oz.

POCKET SIZE SQUARE BLADE SCREW DRIVER

Some small screws require a lot of pressure. This little giant finds a place in any tool set.

Number	Blade Length	Tip Width	Overall Length	Wgt.
D-43	3"	1/8"	5 3/4"	2 oz.

HEAVY SQUARE SHANK SCREW DRIVERS

You will never turn the blade of any New Britain Screw Driver in its extruded plastic handle. These heavy square blades assure you super-strength when you need it.

Number	Blade Length	Tip Width	Overall Length	Wgt.
D-44	4"	1/4"	7 1/2"	3 oz.
D-46	6"	1/4"	10 1/4"	3 oz.
D-66	6"	3/8"	10 1/4"	8 oz.
D-68	8"	7/16"	13"	10 oz.
D-512	12"	7/16"	17"	12 oz.
D-516	16"	7/16"	21"	14 oz.

POCKET SIZE SCREW DRIVER WITH CLIP

Once you form the habit you will never be without one of these in your pocket. Its plastic handle assures insulation so that you can use it anywhere.

Number	Blade Length	Tip Width	Overall Length	Wgt.
D-12	2"	1/8"	4 3/8"	1 oz.

COLOR CODED NUT DRIVERS

New Britain's line of quality-tested Nut Drivers. Note the comfort and ease of driving — the shockproof, breakproof handles, color-coded for easy identification. Hollow shaft gives extra clearance to fit over long bolts. Blades and hex sockets are sturdy yet thin walled. Brilliantly plated for lasting durability.

Number	Hex Socket Sizes	Number	Hex Socket Sizes	Number	Hex Socket Sizes
D-800	3/16"	D-809	11/32"	D-815	7/16"
D-803	1/4"	D-812	3/8"	D-818	1/2"
D-806	5/16"				

D-821 7 Pc. Nut Driver Set

ALUMINUM SCREW STARTERS

When the blade is inserted in the slot, a slight turn releases the center section of the blade which rotates and exerts a positive grip upon the screw slot. Thus, firmly anchored, it is a simple matter to start the screw with one hand whether inserting or backing off the screw.

Number	Length	Weight
SS-2	2½"	2 oz.
SS-5	5 "	4 oz.
SS-9	9 "	6 oz.

MAGNET TOOLS

The New Britain Magnet Tool picks up and holds small parts . . . even works around corners. The business end contains a powerful permanent magnet and is arranged on a pivot which can be rotated 120° right or left. The aluminum shaft with knurled handle provides a firm, secure grip. Ideal size for car radio and carburetor work. Master size extends from a telescoped 16½" length to 27" fully extended.

Number	Length	Weight
MH-10	9¼"	1 oz.
MH-12	16½"	2 oz.

HANDY HOLDING TOOLS

Once you get used to picking fallen screws out of a motor or radio cabinet with this unique tool, you will have one of them available in your tool kit at all times.

Number	Length	Reach	Weight
MH-8	10¾"	8"	3 oz.

NUT BUSTER

Here is the most efficient nut-cracking tool available. It works in the tightest corners anywhere from bumper to bumper. It explodes the most tightly frozen nuts at a twist of the wrench by bringing 25,000 lbs. of pressure on the nut, and yet it cannot damage the bolt.

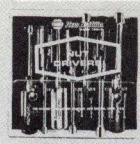
Part No.	Description		Length	Weight
980	Universal Nut Buster		7¼"	1 lb. 4 oz.
980-1	Chisel	980-3	Ball Bearings (Pair)	
980-2	Pusher	980-4	Forcing Screw	

HOLDER RETRIEVER — FULLY FLEXIBLE

Hits an all-time high as an aid to mechanics faced with the job of starting a nut or screw in an inaccessible spot or retrieving parts that fall into hard-to-get-at places. FULLY FLEXIBLE.
18" in overall length . . . gets around wiring, tubing or projecting apparatus and into spaces too small for any other tool. Can be turned or twisted in limitless shapes and still holds its grip.

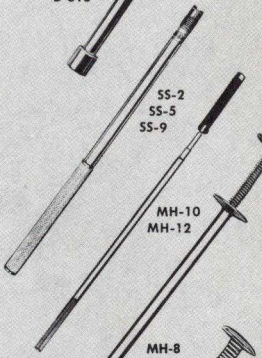
Number	Reach	Weight
MH-15	15"	4 oz.

Special Tools



D-821

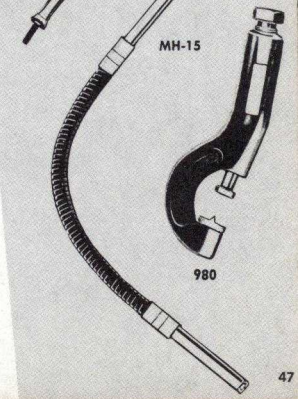
D-800 to D-818



SS-2
SS-5
SS-9

MH-10
MH-12

MH-8

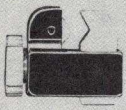


MH-15

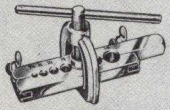
980

Special Tools

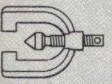
M-466 to M-470



T-135

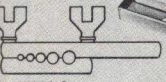


FT-11



FT-12-6

FT-12



FT-12-8

FT-12-1

FT-12-2

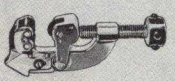
FT-12-3

FT-12-4

FT-12-5

FT-12-7

FT-12-9



T-132

M-208
M-210

M-250
M-260

NAPA New Britain HAND TOOLS

DUCKBILL TIN SNIPS

An exceptionally rugged snip for cutting metal, especially suited for body work. Cuts cleanly, features a comfortable grip and the leverage necessary for heavy-duty service. Blades are of specially tempered steel which will outwear several pairs of ordinary tinner's snips. These Shears are drop forged for strength and heat treated for hardness. The blades are hollow ground for durability and continuous clean cuts.

Number	Length	Weight
M-466	7"	6 oz.
M-468	10"	12 oz.
M-470	12"	24 oz.

MINIATURE TUBING CUTTER

Nylon reduces friction and makes cutting easier, smoother. For all types of metal tubing. Will cut smallest tubing to 5/8" outside diameter.

Number	Length	Weight
T-135	2"	2 oz.

FLARING TOOL

The most compact Flaring Tool set ever designed. One of the New Britain Self-Feeding Tube Cutters with a New Britain Flaring Tool takes care of no less than seven sizes, 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8". The design makes for a quick job with accurately flared openings.

Number	Length	Wgt
FT-11	6"	1 lb. 8 oz.

DOUBLE FLARING TOOL SET

The special design and construction of these double flaring tools will withstand the pressures necessary to double flare .040 tubings. The hardened bar assembly has five thread dies 3/16", 1/4", 5/16", 3/8" and 1/2" with corresponding adapters necessary in forming the double flare. The entire set is packaged in a sturdy metal case with full instructions.

FT-12 SET CONTAINS

Part No.	Description	Part No.	Description
FT-12-1	3/16" Adapter	FT-12-6	Yoke Assembly
FT-12-2	1/4" Adapter	FT-12-7	Wing Nut
FT-12-3	5/16" Adapter	FT-12-8	Complete Bar Assembly
FT-12-4	3/8" Adapter	FT-12-9	Tightening Bar
FT-12-5	1/2" Adapter	FT-12-10	Metal Box

TUBE CUTTER

Useful pocket model Tube Cutter handles all sizes of tubing — copper, brass or lead — from 1/8" to 1" O.D. It features a razor-edge, tool steel replaceable cutting wheel, brass finished steel thumb screw rod and retractable reamer.

Number		Wgt.
T-132	Tool Complete	8 oz.
T-133	Replacement Cutting Wheel	

TAPE MEASURES & RULES

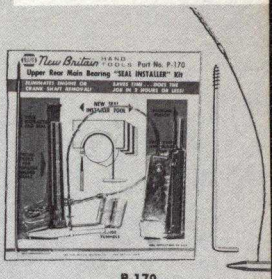
A tape rule or measure for every job. Available in lengths from 8 feet to 100 feet.

Number	Length	Weight
M-208	8′	4 oz.
M-210	10′	4 oz.
M-212	12′	8 oz.
M-216	16′	8 oz.
M-250	50′	8 oz.
M-260	100′	1 lb.

UPPER REAR MAIN BEARING SEAL INSTALLER AND SEAL EXTRACTOR

This New Britain dual-purpose Seal Installer and Remover will eliminate a tedious job of seal extraction and installing. There's no need to remove the engine or crankshaft. Simply insert the installer in the groove, grip the seal with the mesh-lock and pull. Designed for heavy-duty use the gripping device has a tensile strength of 1,000 pounds.

Part No.	Weight
P-170	8 oz.

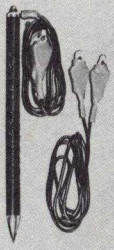


P-170

ETCHING PENCIL

Designed to permanently deep-etch identification marks on all tools and metal objects. Operates on 6 or 12 volt battery or transformer. The nose cone may be removed to adjust coil pressure or to replace the tip. Packaged on individual cards with heavy duty ground lead wire and complete instructions.

Part No.		Weight
E-430	Complete Unit	6 oz.
E-430-1	Replaceable Tip Only	



E-430

TUBING BENDER

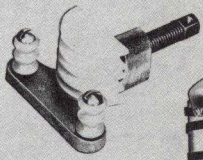
Bends 4 sizes of steel or copper tubes; 3/16", 1/4", 5/16" and 3/8", quickly, easily. Bends up to 180°. Nylon form prevents kinking.

Number	Length	Weight
FT-25	6"	1 lb.

UNIVERSAL OIL FILTER WRENCH

Unique design permits positive grip and easy removal of "Spin-On" oil filters. The harder you pull the tighter it grips but will not crush or split filter. The pressure is exerted equally on entire Filter surface.

Part No.	Weight
M-150	12 oz.



FT-25

M-150

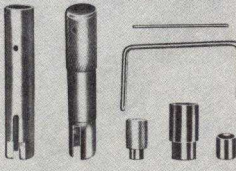
UNIVERSAL ALTERNATOR DIODE TOOL SET

This new 7 piece tool set will quickly remove and install the diodes on practically all makes of alternators. These tools are designed to be used in a standard shop vise. Special brush installing tools required on Delcotron, Ford and Prestolite Alternators are also furnished. Illustrated instruction sheet enclosed for Chrysler; Delco-Remy, (Delcotron); LeeceNeville; Prestolite (Autolite); Ford; Motorola Alternators.

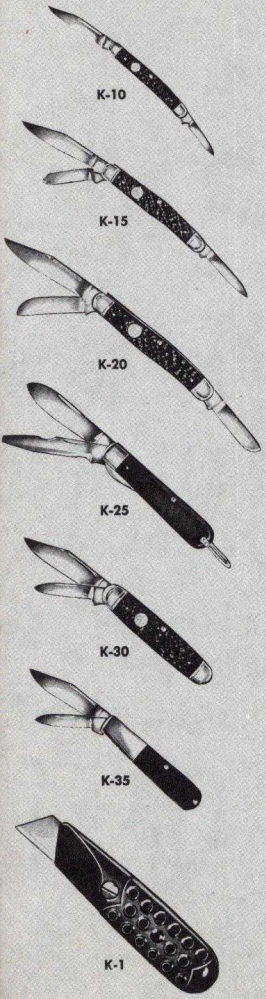
Part No.	Description
E-25	Universal Alternator Diode Tool Set

SET CONTAINS

Part No.	Description
E-25-1	Heat Sink Support for Diode Removal
E-25-2	Universal Diode Remover
E-25-3	Slip Ring End Frame Support for Diode Removal
E-25-4	Universal Slip Ring End Frame and Heat Sink Support for Diode Installing
E-25-5	Universal Diode Installer
E-25-6	Brush Holddown Pin
E-25-7	Brush Spreader



E-25



POCKET KNIVES

Our fine line of Pocket Knives contain two basic ingredients; QUALITY MATERIALS and SKILLED WORKMANSHIP. The highest grade alloy steel blades, forged nickel-silver bolsters, milled brass or silver linings and sturdy cutlery steel springs are built-in features. Our handles are not only durable and attractive, they are comfortable in the hand, will not crack or chip if dropped.

These Pocket Knives are manufactured by experts who employ the most modern methods of production. However, hand craftsmanship makes up a large portion of the labor, adding extra refinements and assuring precision and quality to every knife.

SMALL JR. PREMIUM STOCK KNIFE

2 high-carbon alloy steel blades, forged nickel-silver bolster, brass lining. Bone stag type handle.

Number	Size Closed	Weight per Doz.
K-10	2¾"	½ lb.

SMALL PREMIUM STOCK KNIFE

Bone stag type handle, finest quality cutlery steel spring, high-carbon alloy steel blades.

Number	Size Closed	Weight per Doz.
K-15	3⅜"	1⅜ lbs.

LARGE PREMIUM STOCK KNIFE

Actual size closed 4 inches. Bone stag type handle, high quality alloy steel blades.

Number	Size Closed	Weight per Doz.
K-20	4"	2⅛ lbs.

ELECTRICIAN'S STOCK KNIFE

Coco Bolo type handle with shackle. 2 high-carbon alloy steel blades.

Number	Size Closed	Weight per Doz.
K-25	3¾"	3 lbs.

MEDIUM JACK KNIFE

Actual size closed 3⅜ inches. Bone stag type handle. 2 high quality alloy steel blades.

Number	Size Closed	Weight per Doz.
K-30	3⅜"	2 lbs.

MEDIUM BARLOW JACK KNIFE

Bone stag type handle. Actual size closed 3⅝ inches. 2 high-carbon alloy steel blades.

Number	Size Closed	Weight per Doz.
K-35	3⅝"	2⅛ lbs.

SHOP KNIFE

This fine Shop Knife has a large handle to insure a firm comfortable grip. Invaluable for cutting gaskets, installing floor mats and a thousand other cutting jobs.

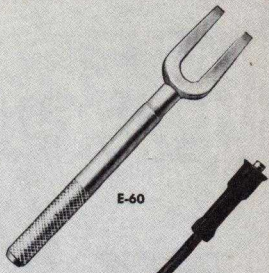
Number	Length	Wgt.
K-1	6"	4 oz.
K-5 (Extra Blade)		

Special Tools

BALL JOINT SEPARATOR

Made of alloy steel, this tool is built for rugged use. Simply place prongs between ball joint and steering knuckle, a few sharp blows with a hammer will easily separate the ball joint.

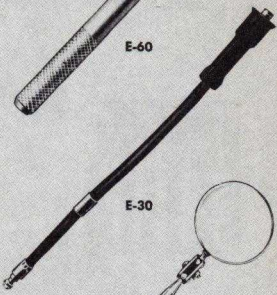
Number	Opening	Length	Weight
E-60	1 5/16"	11 7/8"	2 Lbs.



SPARK PICK-UP ADAPTER

This tool is used for quick spark pick-ups on all plugs. Made of high quality wire with insulated neoprene covering. Standard connections on both ends eliminates the need to puncture or cut existing connections.

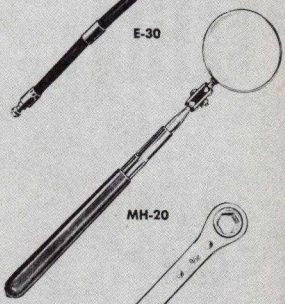
Number	Length
E-30	9"



INSPECTION MIRROR

This handy mirror allows fast, visual inspection of all hidden areas. The double ball joint permits easy viewing to 360°. Mirror telescopes to 14". Specially designed non-rotating hex rod prevents mirror from swinging out of alignment. Mirror has a vinyl insulated handle.

Number	Max. Length	Weight
MH-20	14"	3 oz.



5" AIR CONDITIONER RATCHET WRENCH

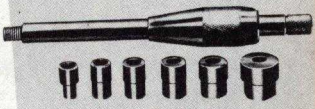
The ¼" square ratchet end and hex end are designed to fit most requirements of air conditioning repairment. Purposely designed as a short wrench to enable mechanic to reach valves in tight work areas.

Number	Length
RW-40	5"

CLUTCH ALIGNING TOOL KIT

Set contains 6 dual pilots covering all 12 sizes necessary to properly and accurately align the clutch disc and pressure plate with the pilot bearing in the flywheel. Complete tool is machined and hardened for accuracy and long service. Listed below are the 12 sizes of pilots.

Number						
R-900	.561	.614	.668	.749	.812	.984
	.590	.624	.718	.787	.874	1.181



R-900

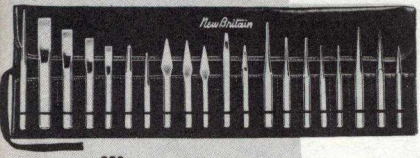
OIL LINE CLEANER KIT

Plugged up, gummed up oil lines can be cleaned easily and thoroughly in minutes. No engine tear down, no need for special tools or expensive attachments. Will also detect cam shaft bearings which have rotated out of line with oiler holes.

Number
R-800

R-800

NAPA New Britain HAND TOOLS



320

CHISELS AND PUNCH SETS

New Britain Chisels and Punches are forged of special alloy steel and carefully heat treated to give maximum strength and durability. All sets are packaged in an attractive, handy vinyl kit.

305

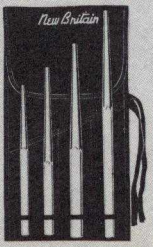
CHISEL AND PUNCH SET

A complete, well balanced assortment, carefully selected to cover all the needs of the master mechanic. Contains 20 pieces.

925	Hand Cold Chisel	952	Prick Punch
926	Hand Cold Chisel	955	Pin Punch
927	Hand Cold Chisel	956	Pin Punch
928	Hand Cold Chisel	957	Pin Punch
940	Cape Chisel	958	Pin Punch
941	Cape Chisel	959	Pin Punch
942	Round Nose Chisel	970	Hand Punch
945	Diamond Pt. Chisel	971	Hand Punch
946	Diamond Pt. Chisel	972	Hand Punch
950	Center Punch	963	Long Taper Punch

Vinyl Kit

Number	Wgt.
320	8 lbs.



304

PIN PUNCH SET

This set contains 5 of the most commonly used sizes.

955	Pin Punch	958	Pin Punch
956	Pin Punch	959	Pin Punch
957	Pin Punch	Vinyl Kit	

Number	Wgt.
305	1 ¾ lbs.

LONG TAPER PUNCH SET

A 4-piece assortment of most popular sizes.

963	Long Taper Punch	965	Long Taper Punch
964	Long Taper Punch	968	Lining Up Punch

Vinyl Kit

Number	Wgt.
304	1 ¾ lbs.

304C

COLD CHISEL SET

A complete assortment of cold chisels to cover all straight cutting operations.

925	Hand Cold Chisel	927	Hand Cold Chisel
926	Hand Cold Chisel	928	Hand Cold Chisel

Vinyl Kit

Number	Wgt.
304C	2 lbs. 8 oz.

Chisels & Punches

Tools designed to "take it." Every New Britain Chisel is carefully heat treated to insure against either being too hard or too soft. All of these Tools can be resharpened. Great care has been taken in designing the cutting edge so that it will remain sharp under heavy wear, and care should be taken in redressing.

RIVET BUSTER

Number	Size Stock	Bit Width	Length	Wgt.
220	3/4"	5/8"	12"	1 lb. 8 oz.

PRY BAR

Invaluable in removing bushings, bearings, grease cups, grease retainers, ball races and lifting cylinder heads. Can also be used as a lining up punch.

Number	Size Stock	Length	Head	Wgt.
PB-18	9/16"	18"	1 7/8"	1 lb. 4 oz.

PINCH BARS

For prying, alignment work, and many other purposes. One end has a long, sharp pointed taper and the other end a sharp, curved leverage blade.

Number	Size Stock	Length	Wgt.
935	1/2"	14"	12 oz.
936	5/8"	16"	1 lb. 4 oz.

HAND COLD CHISELS

Number	Size Stock	Bit Width	Length	Wgt.
925	3/8"	7/16"	5 1/2"	2 oz.
926	1/2"	5/8"	6 1/2"	6 oz.
927	5/8"	3/4"	7"	10 oz.
928	3/4"	7/8"	8"	1 lb. 4 oz.

LONG COLD CHISEL

Number	Size Stock	Bit Width	Length	Wgt.
931	3/4"	7/8"	8"	1 lb. 12 oz.

CAPE CHISELS

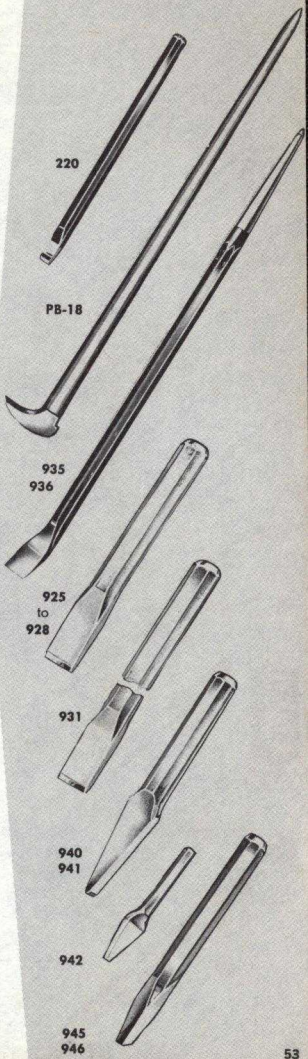
Number	Size Stock	Bit Width	Length	Wgt.
940	3/8"	1/4"	5"	6 oz.
941	1/8"	3/8"	6"	9 oz.

ROUND NOSE CHISEL

Number	Size Stock	Bit Width	Length	Wgt.
942	3/8"	1/4"	5"	6 oz.

DIAMOND POINT CHISELS

Number	Size Stock	Bit Width	Length	Wgt.
945	3/8"	3/16"	5"	6 oz.
946	5/8"	3/8"	7"	7 oz.



Chisels & Punches

NAPA New Britain HAND TOOLS

CENTER PUNCH

Number	Size Stock	Length	Wgt.
949	3/8"	5"	2 oz.
950	1/2"	6"	6 oz.

PRICK PUNCH

Number	Size Stock	Length	Wgt.
952	3/8"	5"	2 oz.

PIN PUNCHES

Number	Pt. Diam.	Size Stock	Length	
955	1/8"	5/16"	4 7/8"	2 oz.
956	5/32"	5/16"	5 1/8"	2 oz.
957	3/16"	3/8"	5 3/8"	6 oz.
958	1/4"	7/16"	5 7/8"	6 oz.
959	5/16"	1/2"	6 3/8"	12 oz.

LONG TAPER PUNCHES

Number	Pt. Diam.	Size Stock	Length	
963	5/32"	3/8"	8"	2 oz.
964	3/16"	1/2"	9"	6 oz.
965	5/16"	5/8"	11"	10 oz.

LINING UP PUNCH

Number	Pt. Diam.	Size Stock	Length	
968	1/4"	5/8"	11"	8 oz.

HAND PUNCHES

Number	Pt. Diam.	Size Stock	Length	
970	5/32"	3/8"	5 1/8"	2 oz.
971	1/4"	1/2"	6 1/8"	4 oz.
972	5/16"	5/8"	7 1/8"	8 oz.

POWER CHISEL TOOLS

The following sequence of New Britain Power chisels has been designed to deliver the maximum driving power in most quality brand power hammers. The use of shock resisting Alloy Steel assures a longer life of cutting edges. Polished shanks are round in design and are .401" in diameter to fit all models of small hammers. All power tools are packaged in an attractive blister pack.

COLD CHISEL

Part No. 984 — Length 6"

Designed for superior performance to work faster - easier - safer. Useful applications include — cut frame members — split nuts and bolts — cut tees and angles - bevel steel plates.

RIVET AND BOLT CUTTER

Part No. 986 — Length 6 1/4"

Forged from Alloy Steel — unique feature includes an offset blade. Applications include shearing rivets on bumper, grill, frame and brackets. Eliminates the hazard and use of torches.

MUFFLER AND TAIL PIPE REMOVER

Part No. 988 — Length 7 1/2"

Has the strength and design to quickly separate telescoped tubing without damage to the inner section. The cut curls away the metal from the tool assuring you of a neat, clean edge.

OUTSIDE MUFFLER CUTTER

Part No.	Length
990	7¾"

Ideal tool designed for the application of cutting the muffler tubing from the tail pipe. The Alloy Steel Cutting Blade is thin in design, but precision ground for long rugged wear.

INSIDE MUFFLER CUTTER

Made of alloy steel, the convex cutting edge is designed to fit the inside of mufflers.

Number	Length
991	8½"

TAIL PIPE CUT-OFF CHISEL

Part No.	Length
992	8"

New thin blade with a sharp concave edge leaves a clean edge without damage to muffler connections. Contains a single concave edge for maximum strength performance.

BODY RIPPER

Part No.	Length
994	6¼"

Special metal cutter is a favorite of many auto body shops. Turns in a short radius, cuts rapidly. The clean cut saves added work in edging and welding.

PANEL CUTTER

Designed for straight or radial cuts with the cut curling away. Use on body and door panels, air ducts, etc.

Number	Length
996	6"

SPOT WELD BREAKER

Extra rugged in design, this tool may be used to cut away weld spots, obstructions, rivets and molding.

Number	Length
998	6¼"

TAPER PUNCH

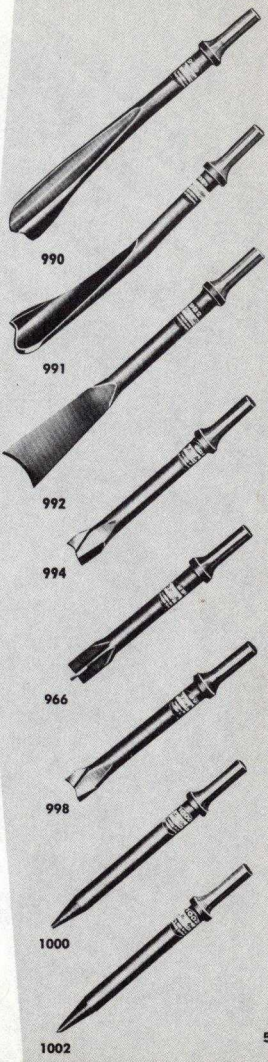
This handy tool has many uses. Punching holes, driving rivets and king pins, peening and crimping of sheet metal are but a few.

Number	Length
1000	6¾"

SHARP POINT TAPER PUNCH

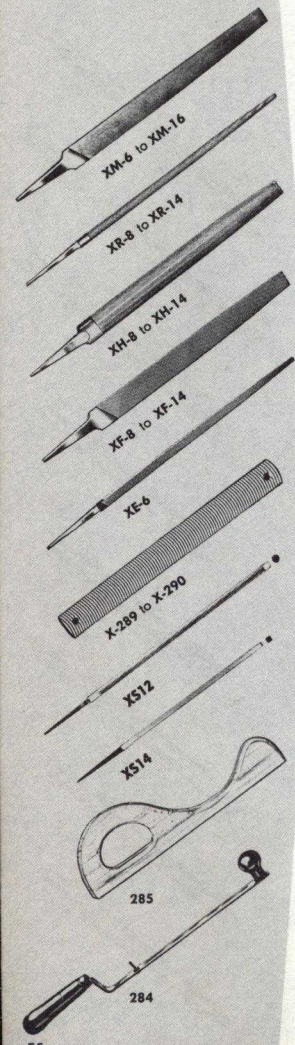
Extra sharp point goes through metal fast. Use for screw and wire holes. A must for seat belt installation.

Number	Length
1002	6¾"



Mechanics Files

NAPA New Britain HAND TOOLS



Mechanics have many uses for this fine group of New Britain Files. Each File is suited for a specific job. Quality deep cutting edges and sharp teeth design, assure quicker and easier work.

MILL BASTARDS

Number	Size	Wgt.
XM-6	6"	1 oz.
XM-8	8"	3 oz.
XM-10	10"	7 oz.
XM-12	12"	12 oz.
XM-14	14"	1 lb. 2 oz.
XM-16	16"	1 lb. 12 oz.

ROUND BASTARDS

Number	Size	Wgt.
XR-8	8"	1 oz.
XR-10	10"	4 oz.
XR-12	12"	8 oz.
XR-14	14"	1 lb.

HALF ROUND BASTARDS

Number	Size	Wgt.
XH-8	8"	4 oz.
XH-10	10"	8 oz.
XH-12	12"	13 oz.
XH-14	14"	1 lb. 4 oz.

FLAT BASTARDS

Number	Size	Wgt.
XF-8	8"	4 oz.
XF-10	10"	9 oz.
XF-12	12"	10 oz.
XF-14	14"	1 lb. 3 oz.

EXTRA SLIM TAPER

Number	Size	Wgt.
XE-6	6"	½ oz.

FLEXIBLE BODY FILES

Especially adapted for automobile bodies, fenders, door panels—wherever good surface finish is necessary.

Number	Size	Wgt.
X-289	12"	7 oz.
X-290	14"	8 oz.

CHAIN SAW FILES

Specially made for working on all makes and models of chain saws on straight or curved surfaces.

Number	Length	Weight
XS12	8" x 7/32" Round	1 oz.
XS14	8" x ¼" Round	1 oz.

SOLID BODY FILE HOLDER

(Made from selected Maple)

Holds the File securely without undue flexing which sometimes causes breakage. Because the File rests against a wooden support, it does not have a dulling effect on the curved teeth.

Number	Length	Wgt.
285	14"	¾ lb.

COMBINATION FILE HOLDER

Will take either 12" or 14" body Files. Made of heavy steel which will stand up under severe use.

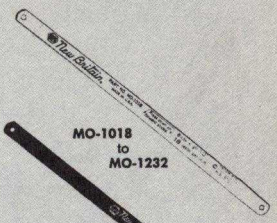
Number	Length	Wgt.
284	21"	1½ lbs.

Hack Saw Blades

HIGH SPEED HACK SAW BLADES

A Molybdenum Alloy Blade which will out-perform anything you have ever used before. It is especially designed for automotive work where "Moly" has earned its reputation as the finest cutting combination known for modern requirements. Use it with confidence for cutting nickel, high carbon steel and other tough alloys. Its wearing and cutting qualities will prove it to be the most economical Blade to use for every purpose.

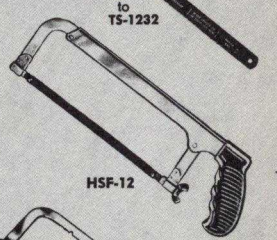
Number	Length	Width	Thickness	Teeth Per Inch	Pkg.	Wgt. Pkg.
MO-1018	10"	½"	.025	18	10	4 oz.
MO-1024	10"	½"	.025	24	10	4 oz.
MO-1032	10"	½"	.025	32	10	4 oz.
MO-1218	12"	½"	.025	18	10	4 oz.
MO-1224	12"	½"	.025	24	10	4 oz.
MO-1232	12"	½"	.025	32	10	4 oz.



FLEXIBLE HACK SAW BLADES

Where cutting is to be done on surfaces which are not extremely hard and where the possibility of flexing occurs, it is sometimes advisable to use the less expensive Tungsten Alloy Blade. It is especially good for cutting at difficult angles and for ordinary work around the shop.

Number	Length	Width	Thickness	Teeth Per Inch	Pkg.	Wgt. Pkg.
TS-1018	10"	½"	.025	18	10	4 oz.
TS-1024	10"	½"	.025	24	10	4 oz.
TS-1032	10"	½"	.025	32	10	4 oz.
TS-1218	12"	½"	.025	18	10	4 oz.
TS-1224	12"	½"	.025	24	10	4 oz.
TS-1232	12"	½"	.025	32	10	4 oz.



ADJUSTABLE HACKSAW FRAME

Handy adjustable hacksaw frame is ideal for general use. Adjustable frame locks in either 8", 10", and 12" blades.

Number	Length	Weight
HSF-12	14½	13 oz.

DELUXE ADJUSTABLE HACKSAW FRAME

Our finest heavy duty steel hacksaw frame guards against breakage of high speed blades and has a non-breakable pistol grip handle. Adjustable frame locks in either 8", 10", and 12" blades.

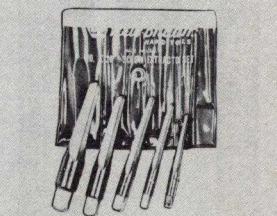
Number	Length	Weight
HSF-14	13¾	28 oz.

SCREW EXTRACTORS

Nothing requires more strength and toughness than an Extractor to remove broken studs. These Extractors are hand forged to insure correct temper, angle and grip.

Number	Bolt. Diam.	Use Drill	Drill Depth	Wgt.
E-101	¼" to 5/16"	9/64"	3/8"	1½ oz.
E-102	5/16" to 3/8"	3/16"	½"	1½ oz.
*E-103	3/8" to 7/16"	13/64"	½"	2 oz.
E-104	½" to 9/16"	9/16"	½"	3 oz.
E-105	½" to 5/8"	3/8"	5/8"	3½ oz.

*Recommended for Alemite Fittings.

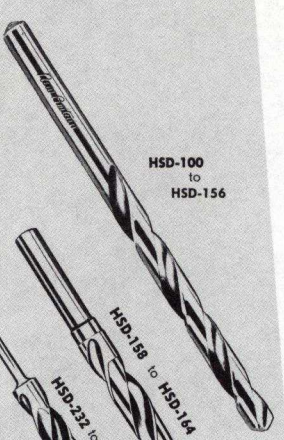


SCREW EXTRACTOR SET

Set is used for the removal of broken studs, set screws, pipe and alemite fittings. Packaged in a handy plastic kit. Specifications are listed above — Nos. E-101 through E-105.

Set No.	Wgt.
E-20	9 oz.

High Speed Drills



NAPA New Britain HAND TOOLS

HIGH SPEED DRILLS

STRAIGHT SHANK

These famous New Britain Drills, constructed for all purpose work, are ideal for Automotive, Aircraft and Industrial fields.

Manufactured from the highest grade of Alloyed High Speed Steel obtainable, New Britain Drills continue to cut accurately and true at frictional heat temperatures up to 1200°.

Number	Diam.	Number	Diam.	Number	Diam.
HSD-100	1/16"	HSD-124	1/4"	HSD-148	7/16"
HSD-102	3/64"	HSD-126	17/64"	HSD-150	29/64"
HSD-104	1/32"	HSD-128	9/32"	HSD-152	15/32"
HSD-106	7/64"	HSD-130	19/64"	HSD-154	31/64"
HSD-108	1/8"	HSD-132	5/16"	HSD-156	1/2"
HSD-110	9/64"	HSD-134	21/64"	HSD-158	9/16"
HSD-112	5/32"	HSD-136	11/32"	HSD-159	5/8"
HSD-114	11/64"	HSD-138	23/64"	HSD-160	11/16"
HSD-116	3/16"	HSD-140	3/8"	HSD-161	3/4"
HSD-118	13/64"	HSD-142	25/64"	HSD-162	13/16"
HSD-120	7/32"	HSD-144	13/32"	HSD-163	7/8"
HSD-122	15/64"	HSD-146	27/64"	HSD-164	1"

1/4" DRIVE HIGH SPEED DRILLS

Number	Drill Size	Shank Diam.
HSD-232	5/16"	1/4"
HSD-240	3/8"	1/4"
HSD-248	7/16"	1/4"
HSD-256	1/2"	1/4"

PACKAGED HIGH SPEED DRILLS

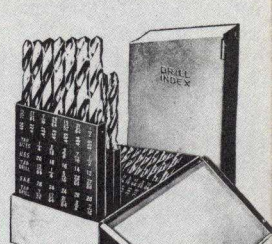
Our famous line of High Speed Drills in a complete range of sizes are now packaged in Handy Re-usable Vinyl Pouches.

Number	Diam.	Number	Diam.	Number	Diam.
HSD-500	1/16"	HSD-520	7/32"	HSD-540	3/8"
HSD-502	5/64"	HSD-522	15/64"	HSD-542	25/64"
HSD-504	1/32"	HSD-524	1/4"	HSD-544	13/32"
HSD-506	7/64"	HSD-526	17/64"	HSD-546	27/64"
HSD-508	1/8"	HSD-528	9/32"	HSD-548	7/16"
HSD-510	9/64"	HSD-530	19/64"	HSD-550	29/64"
HSD-512	5/32"	HSD-532	5/16"	HSD-552	15/32"
HSD-514	11/64"	HSD-534	21/64"	HSD-554	31/64"
HSD-516	3/16"	HSD-536	11/32"	HSD-556	1/2"
HSD-518	13/64"	HSD-538	23/64"		

HIGH SPEED DRILL SETS

New Britain features complete professional drill sets for practically any job. In your choice of sets from 13 to 29 High Speed Drills, New Britain sets are conveniently packaged in metal or plastic index containers. 13 piece sets are available in sizes 1/16" to 1/4". 21 piece sets are indexed by 64ths from 1/16" to 3/8" and the 29 piece set from 1/16" to 1/2"; the complete set for professional mechanics.

A drill set for every purpose, from the smallest jobs to complete sets for professional mechanics. A choice of sets from 13 pieces to 29 pieces, packed in handy index containers. Drills are manufactured from the highest grade of alloyed high speed steel available.



HSD-1121
HSD-1129

29-PIECE HIGH SPEED DRILL SET

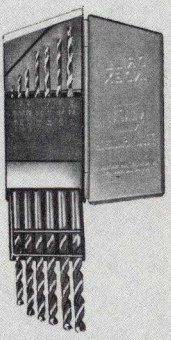
A fine combination: High Speed Drills in Handy Index Container — every size from 1/16" to 1/2" by 64ths. The complete Set for professional mechanics.

Number	Weight
HSD-1129	3 lbs., 8 oz.

21-PIECE HIGH SPEED DRILL SET

This Set contains 21 Drills indexed by 64ths from 1/16" to 3/8". In great demand by mechanics who want convenient range.

Number	Weight
HSD-1121	1 lb., 8 oz.



HSD-1113

13-PIECE HIGH SPEED DRILL SET

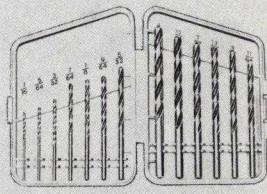
Contains 13 Drills in sizes 1/4" to 1/4" by 64ths. Ideal for the small garage or general repair shop. Packed in convenient Index Container.

Number	Weight
HSD-1113	7 oz.

13-PIECE DRILL SET

Contains 13 of the most popular drills in sizes 1/16" to 1/4". Packed in sturdy reusable plastic case.

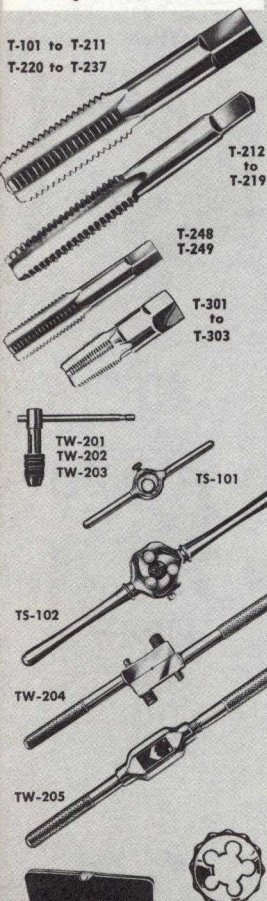
Number	Weight
HSD-1110	1/4 Lb.



HSD-1110

Taps and Dies

NAPA New Britain HAND TOOLS



New Britain Taps and Dies are made of the highest quality carbon alloy steel. Laboratory controlled, heat treatment and modern production methods insure long life and clean, accurate threads. All dies are double hex, either 5/8" or 1" enabling the mechanic to use them with a wrench or socket to reach inaccessible spots.

CARBON HAND TAPS

Part No.	Tap Size
T-101•	4 x 36
T-102	4 x 40
T-103	5 x 40
T-104•	6 x 32
T-105•	8 x 32
T-106•	10 x 24
T-107•	10 x 32
T-108•	12 x 24
T-109	14 x 20
T-201	3/16 x 24
T-202•	1/4 x 20
T-203•	5/16 x 18
T-204•	3/8 x 16
T-205•	7/16 x 14
T-206•	1/2 x 13
T-207•	1/2 x 28
T-208•	5/8 x 24
T-209•	3/8 x 24
T-210•	7/16 x 20
T-211•	1/2 x 20
T-212	5/16 x 12
T-213	5/8 x 11
T-214	3/4 x 10
T-215	7/8 x 9
T-216	5/16 x 18
T-217	5/8 x 18
T-218	3/4 x 16
T-219	7/8 x 14

Part No.	Tap Size
BOTTOMING TAPS	
T-220	1/4 x 20
T-221	5/16 x 18
T-222	3/8 x 16
T-223	7/16 x 14
T-224	1/2 x 13
T-225	5/8 x 12
T-226	5/8 x 11
T-227	3/4 x 10
T-228	7/8 x 9
T-229	1/4 x 28
T-230	5/8 x 24
T-231	3/8 x 24
T-232	7/16 x 20
T-233	1/2 x 20
T-234	5/16 x 18
T-235	5/8 x 18
T-236	3/4 x 16
T-237	7/8 x 14
SPARK PLUG TAPS	
T-248	14MM
T-249	18MM
PIPE TAPS	
T-301•	1/8 Pipe
T-302	1/4 Pipe
T-303	3/8 Pipe

TOOLS

Part No.	Item
TS-101•	Die Stock
TS-102•	Die Stock
TW-201•	T Tap Wrench
TW-202	T Tap Wrench
TW-203•	T Tap Wrench
TW-204	Tap and Reamer
TW-205•	Wrench

DOUBLE HEX DIES

Part No.	Die Size
TH-101•	4 x 36
TH-102	4 x 40
TH-103	5 x 40
TH-104•	6 x 32
TH-105•	8 x 32
TH-106•	10 x 24
TH-107•	10 x 32
TH-108•	12 x 24
TH-109	14 x 20
TH-201	3/16 x 24
TH-202•	1/4 x 20
TH-203•	5/16 x 18
TH-204•	3/8 x 16
TH-205•	7/16 x 14
TH-206•	1/2 x 13
TH-207•	1/4 x 28
TH-208•	5/16 x 24
TH-209•	3/8 x 24
TH-210•	7/16 x 20
TH-211•	1/2 x 20
TH-301•	1/8 Pipe
TH-302	1/4 Pipe

PROFESSIONAL MECHANIC TAP AND DIE SET

The New Britain Professional Mechanic Set of taps and dies is conveniently packaged in an unbreakable, compact, plastic case. There is a separate compartment for each of the 41 tools. Set contains: one each of the above items that are starred (•) plus 14 leaf screw pitch gauge and screwdriver.

Number	Type of Die	Weight
T-1141	Solid Double Hex	4 lbs.
T-1141-P-1	Box Only	

Special Wire Brushes

WIRE BRUSH

Ideal for cleaning rust and dirt from rims and wire wheels. Screw eye attached. Long curved handle protects user.

Number	Length	Wgt.
NR-195	14"	8 oz.

TIRE AND RIM BRUSH

A sturdily made Brush with 19 rows, 3 wide, firmly secured in the wooden block. Because the wires are 1 3/16" long, they will give excellent service.

Number	Length	Wgt.
W-44	14"	7 oz.

HEAVY DUTY BRUSH AND SCRAPER

Has 17 rows, 4 wide, which insure fast work on large surfaces. Wires, 1 3/16" long. Wide hardened steel scraper attached. Unequalled for removing rust, dirt, grease and paint.

Number	Length Block Overall	Wgt.
W-45	10"	8 oz.

CARBON CLEANING END BRUSH

The heavy, wear-resisting crimped wire thoroughly and quickly removes hard carbon deposits from cylinder heads, blocks, tops of pistons, valve ports, etc. in a fraction of the time required by hand cleaning. For use on electric drills, pneumatic tools and flexible shafts. Length of wire out of cup, 1". Packed individually.

Number	Diameter Face	Diameter Shank	Wgt.
W-20	3/4"	1/4"	1/2 lb.

HEAVY DUTY KNOT END CLEANING BRUSH

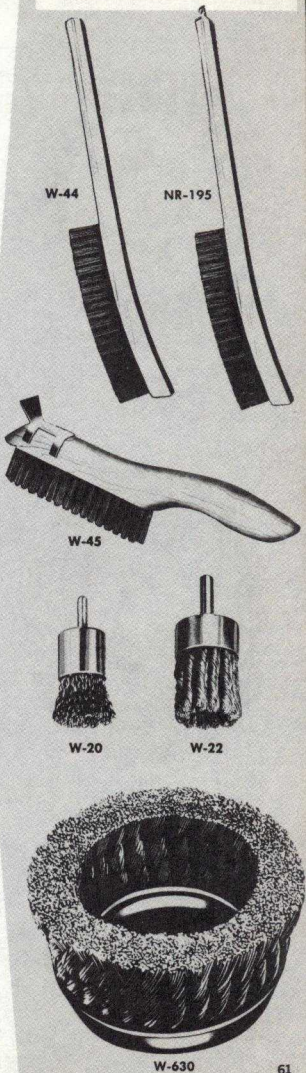
Specially drawn wire forms heavy-duty knot ends, matched for true balance. Extra cutting points speed up cleaning of carbon, scale, rust, burrs, and paint. Especially useful in corners, around studs, or in pockets. Packed individually.

Number	Diameter Face	Diameter Shank	Wgt.
W-22	1 1/8"	1/4"	1/2 lb.

SUPER HEAVY DUTY CUP BRUSH

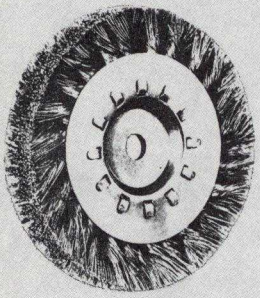
Originated by the Automotive Industry for removing weld flash and smoothing welded joints. Unequalled for removing rust, scale and other surface imperfections. Has the longest life of any type of wire brush made. Great rigidity is developed from the exclusive method of tufting — each tuft supports the others and thus reduces vibration. The only brushes which can be operated at very high speeds with complete safety. The arbor hole is punched to fit directly on the spindle.

Number	Diam. Face	Length Wires out of Cup	Arbor Hole	Wgt.
W-630	6"	1 3/4"	5/8"	3 lbs.

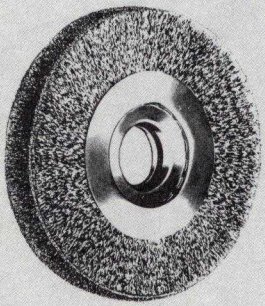


Special Wire Wheels

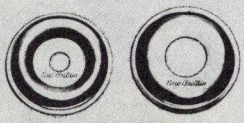
NAPA New Britain HAND TOOLS



W-16
W-26
W-18



W-40
W-60
W-70
W-80
W-81



W-2 to W-5

The Automotive Trade requires better tools than any other field because most jobs must be done in a hurry and all of them must conform to the unequalled precision standards of the Automotive Field.

SUPER HEAVY DUTY WIRE WHEELS

This Wheel is new to most machine shop operators because it has heretofore been sold exclusively to the automotive manufacturers. Try it on some tough job which has licked every other make of wheel. You will be amazed at its ability to quickly remove welding flash from bodies; surface roughness from brake drums, shoes; and other heavy duty cleaning operations. Use it on stationary or portable equipment and wherever you have a severe cleaning or buffing problem.
Constructed with the same cable-like design as the cup brushes, the wires in each knot support one another as do the knots themselves. The two steel face plates complete this powerful Wheel. Packed individually.
Punched with correct arbor hole to fit directly on shaft.

Number	Diameter	Width of Face	Arbor Hole	Wgt.
W-16	6"	1"	1/2"	1 1/4 lbs.
W-26	6"	1"	5/8"	1 1/4 lbs.
W-18	8"	1"	5/8"	2 3/4 lbs.

HEAVY DUTY WIRE WHEELS

Widely used with portable tools and bench grinders for removing carbon, paint, rust and scale. Also for roughing up tires and tubes prior to vulcanizing. The countless special cleaning operations in the Automotive Field demand brushes which are outstanding. These Brushes are made from thousands of strands of tough, wear-resisting wire, encased between two steel plates, insuring a densely filled, even brushing surface. The Brushes are evenly trimmed and exactly balanced to produce efficient operation.
Arbor hole is adjusted to shaft by simply slipping into the standard opening of the Wheel the pair of sturdy Adapters which are furnished with each Brush.

Number	Diameter	Width of Face	Arbor Hole	Wgt.
W-40	4"	1 1/8"	1/2"	3/4 lb.
W-60	6"	1 1/8"	1/2"	1 1/2 lbs.
W-70	7"	1 1/2"	5/8"	2 1/2 lbs.
W-80	8"	1 1/2"	1/2"	2 1/2 lbs.
W-81	8"	1 1/2"	5/8"	2 1/2 lbs.

WIRE WHEEL ADAPTERS

Each Wheel is complete with one pair of Adapters, and if you need to convert an old Wheel, the following Adapters are furnished.

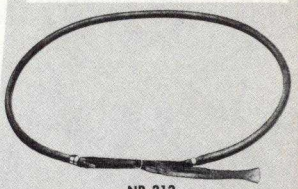
Number	Size	Std. Pkg.	Wgt.
W-2	3/8"	2	2 oz.
W-3	1/2"	2	2 oz.
W-4	3/4"	2	2 oz.
W-5	5/8"	2	2 oz.

TUBELESS TIRE BEAD EXPANDER

Permits inflation of tubeless tires in a matter of seconds, safely and easily. Simply secure expander around tire tread, inflate expander until tire beads are in position against the rim, and then inflate the tire.

Expander consists of a tough nylon cover over a pliable neoprene rubber tube—contains no steel bands to break or snap and folds to store easily in a minimum of space. Constructed to withstand air pressure up to 200 pounds and to resist acids, grease and solvents, this Expander will give long, useful service and is indispensable in the modern shop.

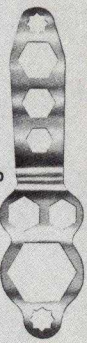
Number	Length	Wgt.
NR-212	7½ feet	1½ lbs.
NR-212P-1	extra valve	1 oz.



UNIVERSAL DRAIN PLUG WRENCH

Will take care of most of the drain plugs on today's and yesterday's cars and trucks. This tool is a stamping and will render good service for a reasonable length of time.

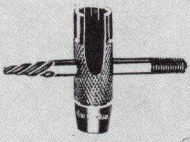
Number	Length	Wgt.
R-50	11¼"	½ lb.



VOLKSWAGEN DRAIN PLUG WRENCH

This 17mm hex wrench is designed to be used on Volkswagen transmission, drain and filler plugs. This wrench is made of alloy steel, drop forged and triple plated (copper, nickel, chrome) for long life. 2" long, this handy wrench fits all 3/8" drive tools.

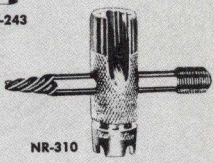
Number	Size	Length	Weight
R-52	17mm	2"	3 oz.



GREASE FITTING TOOLS

Here are a pair of real time savers — each Tool fits either Alemite or Zerk fittings. The Tool compactly contains three necessary parts: A socket to safely remove tightest fittings without breakage — an Extractor to surely back out broken fittings — and a Tap to rethread damaged holes. One Tool completes the job from start to finish.

Number	Size	Wgt.
NR-243	2½"	3½ oz.
NR-310	3½"	3½ oz.



DEGREASING KNIFE

Used widely by Lubrication men, but also borrowed by every mechanic in the shop because it speedily strips off grease from motors as well as chassis.

Number	Length	Wgt.
K-6	7"	2 oz.

HEAVY DUTY DEGREASING KNIFE

Blades are made of special alloy steel and given extra heat treatment for toughness and long wear. Edges are ground and sharp.

Number	Width	Length	Weight
K-8	1¼"	7¼"	2 oz.

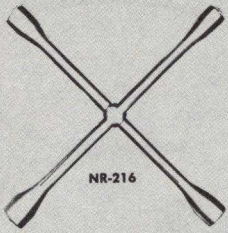
CARBON SCRAPER

Removes stubborn carbon, old gaskets and other material baked to hard surfaces. Special Alloy Steel Blade heat treated for rugged long wear.

Number	Width	Length	Weight
P-205	3"	8"	3 oz.

Tire and Rim Tools

NAPA New Britain HAND TOOLS

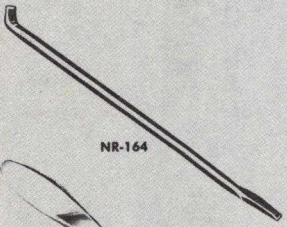


NR-216

FOUR-WAY RIM WRENCH

Has four most often used sizes of hex openings. ¾", 13/16", ⅞" and 15/16". Shank is ⅝" diameter for strength. Sockets are deep broached for long bolts. Its extra length clears the deepest fenders of all late model cars.

Number	Length	Wgt
NR-216	20"	3 lbs.



NR-164

LEVERAGE BAR

This Tool also serves as a Firestone Lock Ring Remover. It has been made so strong that it is the ideal Leverage Bar

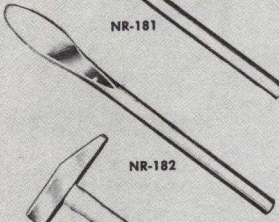
Number	Length	Wgt.
NR-164	20"	2 lbs.

NR-181

STRAIGHT FLAT TIRE IRON

Forged selected steel that has been carefully heat treated for strength. Oval end, thin and wide. Will get at tires which are undersize for the rims without pinching the tube or rim.

Number	Length	Blade Width	Wgt.
NR-181	15"	1½"	24 oz.

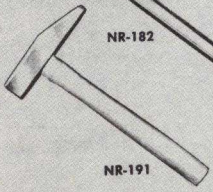


NR-182

CURVED TYPE TIRE IRON

Forged from select steel. Curved to provide greater leverage and give greater hub clearance. Oval end, thin and wide. Avoids injury to hands and speeds tire changing.

Number	Length	Blade Width	Wgt.
NR-182	15"	1½"	24 oz.



NR-191

TIRE HAMMER

A well balanced Hammer specially designed for tire work. For removing tires from wire, disc wheels, and solid rims. All corners are rounded to prevent injury to the tire. Eye anchors head firmly on handle.

Number	Length	Wgt.
NR-191	13¼"	3½ lbs.

NTP-505

WHEEL IMPACT LUG SOCKET KIT

All the tools necessary for removing and assembling wheel lugs with an impact gun. Kit includes ½" Drive Impact Extension — 2⅝" long; ¾" x 13/16" double end ½" Drive Impact Socket and plastic kit.

Number	Weight
NTP-505	2½ lbs.

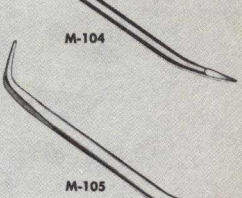
Brake Service Tools

BENDIX BRAKE TOOLS

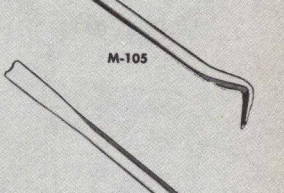
Designed for service work on most types of Bendix Brakes. Special angle and shape of ends fits the job correctly — does away with makeshift tools, saves time and effort.

Number	Width of Blades	Length	Wgt.
M-104	½"	8"	4 oz.
M-105	½"	7½"	4 oz.
M-106	½"	8"	4 oz.

M-104



M-105

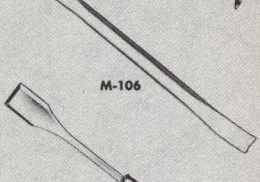


M-106

GASKET SCRAPER

A special Tool to provide a perfect surface when installing new gaskets. The $1^{1}/_{16}$" wide flat blade of special steel quickly removes shellacked gaskets, rust or other materials leaving a perfectly smooth surface.

Number	Length	Wgt.
M-134	11"	6 oz.

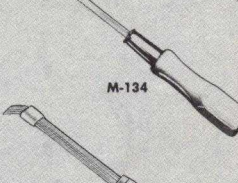


M-134

FLEXIBLE CARBON SCRAPER

A unique Tool that is made from a number of different segments which go after carbon independently. Will hit the low spots as well as the high places and do an efficient job.

Number	Length	Wgt.
P-204	9"	5 oz.

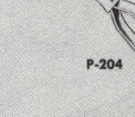


P-204

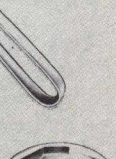
BALL JOINT SUSPENSION SOCKETS

These Special Ball Joint Suspension Sockets will make your work easier and faster in removing and installing the ball joints on Buicks, Oldsmobile F-85, Corvair, Plymouth, Dodge, Chrysler, DeSoto and Valiant.

Part No.	Description	Weight
NH-460	¾" Drive Socket with 1 ⅞" opening for late model Plymouths and Dodges	2 lbs.
NH-468	¾" Drive Socket with 2⅛" opening for late model Chryslers	2 lbs.
NH-470	¾" Drive Socket with 1 ⅞" opening for Buick	2 lbs.
NH-472	¾" Drive Socket with 2 1/16" opening for Buick	2 lbs.
NH-474	¾" Drive Socket with 1 ⅝" opening for Corvair, Oldsmobile F-85, and Buick Special	2 lbs.
NH-476	¾" Drive Socket with $1\ 25/32$" opening for Valiant	2 lbs.

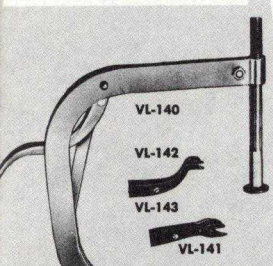


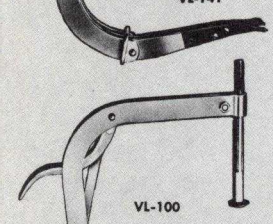
NH-460 to NH-474

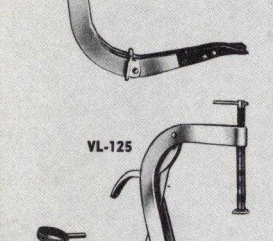


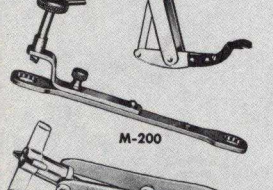
NH-476

Valve Service Tools









NAPA New Britain HAND TOOLS

"C" TYPE VALVE LIFTER

A practical Valve Spring Compressor for swift, efficient handling of stiffest valve springs. Handle positioned in "C" frame clears high fenders, hood and tie rods. Loose ring attachment on frame may be moved to hold tool locked in any desired position. Easily adjusts for any valve stem length. Slim, rugged jaws give maximum room to remove or replace valve keys. Inside depth of frame: 11½", inside width 8½", with 10½" opening capacity using offset jaws. 11½" capacity using straight jaws. Allows enough clearance to use this unique Valve Lifter without removing manifold. Designed for use with Split Lock Replacer VL-139.

Number	Length	Wgt.
VL-140	14"	6 lbs.

(Includes VL-141, VL-142 and VL-143.

EXTRA JAWS FOR VL-140

VL-141 (Std.) Wgt. ½ lb. VL-142 (Offset) Wgt. ½ lb. VL-143 (Lg.) Wgt. ½ lb.

HEAVY DUTY C TYPE VALVE LIFTER

Designed and built on the same principle as the one above. Especially useful on heavy duty work such as tractors, trucks, buses and marine and diesel engines. Takes springs from 1" to 2½" in diameter. Equipped with No. VL-142 Offset Jaws, No. VL-141 Straight Jaws and No. VL-143 Large Straight Jaws. (Illustrated above with VL-140.)

Number	Size	Wgt.
VL-100	10½" x 12"	9 lbs. 8 oz.

VALVE LIFTER FOR V-8 OVERHEAD VALVE ENGINES

For easy one-man valve work on the new high compression car and truck engines with V-8 block and overhead valving. There's no need to remove the exhaust manifold for clearance. Compresses the new extra stiff springs without undue effort or dangerous flexing of the tool frame. Pin operated fine adjusting screw gives fast and easy control of spring compression. A balanced, easy handling lifter. Jaws furnished on tool have extra wraparound feature for safety — fit 1" to 2" dia. springs.

Part No.	Size	Weight
VL-125	8½" x 7"	6 lbs.

CHEVROLET TAPPET ADJUSTING TOOL

This unique Tool together with a Feeler Gauge enables you to adjust the valve clearance on rocker arm tappet adjusting jobs. Works while the motor is running and therefore insures the best adjustment in the shortest possible time. For all cars with overhead valves.

Number	Wgt.
M-200	10 oz.

"LITTLE HANDY" VALVE LIFTER

"Little Handy" Valve Lifter gets into tight corners and lifts stubborn springs with coil strength up to 300 lbs. — just twice the strength of any common spring you'll meet. Only 8½" long, but the screw-controlled jaws expand to 2¼" and remain set in any position. Jaws adjust to various spring sizes.

Number	Length	Wgt.
VL-151	8½"	1 lb. 4 oz.

SPLIT LOCK REPLACER

The perfect, compact Tool for replacing all split type valve keys on single and double-grooved valve stems and where the new convex locks are used. Requires a minimum of working space. Sliding base prevents keys dropping into motor. It's very simple to load. Designed for easy operation with VL-151 Valve Lifter or "C" Type Lifter with VL-141 straight jaws, or any good valve lifter.

Number	Length	Wgt.
VL-139	8"	5 oz.

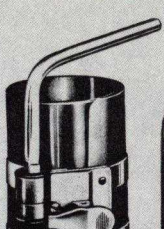
NAPA New Britain HAND TOOLS

PISTON AND RING SERVICE TOOLS

RATCHET PISTON RING COMPRESSOR

Ratchet action provides positive compression and finger tip release. Deep enough to handle the modern four-ring piston — built of heavy spring steel to compress the stiffest rings evenly. Lower edge beaded.

Number		Capacity	Wgt.
P-300	Passenger Car	2⅛" to 5"	8 oz.
P-350	Truck & Tractor	3½" to 6½"	12 oz.

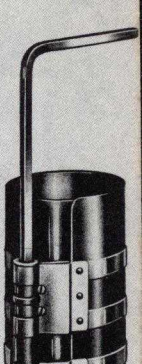


P-300
P-350

TRUCK-TRACTOR DIESEL COMPRESSOR

The giant 6½" high Ratchet Compressor with four tension bands. Bands are clock spring steel and lower edge is beaded.

Number		Capacity	Wgt.
P-360	Diesel Truck & Tractor	3½" to 7"	1½ lb.



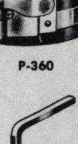
P-360

STANDARD PISTON RING COMPRESSOR

Beaded along lower edge to prevent Compressor entering cylinder and with dependable friction-type brake to hold rings in compression.

Number		Capacity	Wgt.
P-200	Passenger Car	2⅛" to 5"	8 oz.
P-212	Special for Briggs & Stratton Motors		4 oz.

P-200

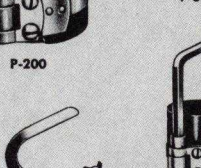


P-212

PISTON RING GROOVE CLEANERS

Make easy jobs out of those that were formerly tedious and often injurious to pistons. Both Tools have durable compensating spring to control pressure on the cutter. With these two Tools you can service all cars with pistons up to 6" diameter. Complete with Cutter Blade.

Number	Length	Blade Size	Wgt.
P-201	11½"	3/32", 1/8", 5/32", 3/16"	6 oz.
P-208	11½"	5/64", 5/32", 3/16", 3/32"	8 oz.
P-555C	3/32", 1/8", 5/32", 3/16"	Replacement Blade	¼ oz.
P-558C	5/64", 5/32", 3/16", 3/32"	Replacement Blade	¼ oz.

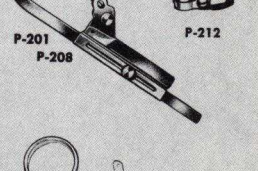


P-201
P-208

HEAVY DUTY RING GROOVE CLEANER

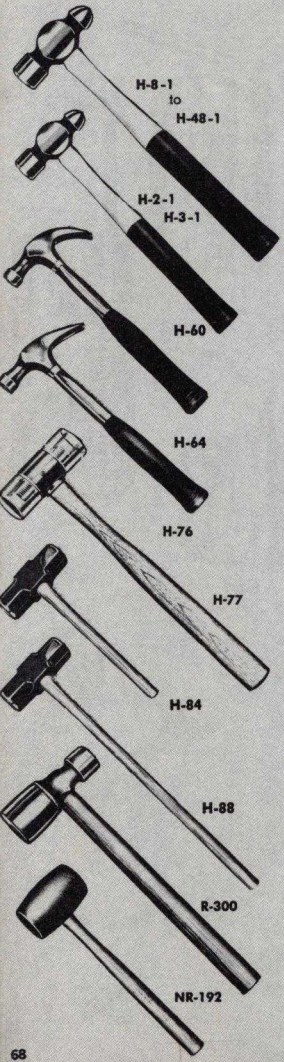
Removes carbon deposits quickly, easily and accurately in and around ring grooves without damage to pistons. Self-aligning feature assures safety to groove walls. Accommodates piston diameters 2⅜" to 4⅞" and ring groove sizes 5/64", 3/32", 1/8", 5/32" and 3/16". Jaws are easily locked and released.

Number	Length	Weight
P-210	11"	1 lb. 6 oz.
P-210-P-1 Replacement Cutter Blade		



P-210

Hammers Misc.



NAPA New Britain HAND TOOLS

BALL PEIN HAMMERS

A perfectly balanced Hammer with drop forged head and sturdy handle for a long life of service.

Number	Head Weight	Overall	Handle Number	Wgt.
H-8-1	8 oz.	13"	H-8 H-1	14 oz.
H-12-1	12 oz.	14"	H-12 H-1	18 oz.
H-16-1	16 oz.	14½"	H-16 H-1	22 oz.
H-20-1	20 oz.	15"	H-20 H-1	28 oz.
H-24-1	24 oz.	16"	H-24 H-1	30 oz.
H-32-1	32 oz.	16"	H-32 H-1	40 oz.
H-48-1	48 oz.	16"	H-48 H-1	60 oz.

GASKET HAMMERS

Necessary for work on gaskets where light, controlled contact is required.

Number	Head Ounces	Size	Overall	Handle Number	Wgt.
H-2-1	2	7/0	10"	H-2 H-1	4 oz.
H-3-1	3½	6/0	11"	H-3 H-1	5 oz.

ALL STEEL NAIL HAMMERS

Heads are forged from special analysis steel and "super-heat-treated" twice for full strength and durability. Exclusive "rim-tempered" process assures greater safety and hardness on the rim of the hammer to prevent chipping when striking a foul blow — has a non slip CUSHION grip handle.

Part No.	Style	Weight
H-60	Curved Claw	16 oz.
H-64	Ripping Claw	16 oz.

SOFT FACE HAMMERS

New Britain Soft Face Hammers have a tough, molded plastic, replaceable head. This type Hammer is particularly useful in body and fender work.

Number	Head Ounces	Tip Diameter	Wgt.
H-76	8	1"	8 oz.
H-77	12	1 3/16"	15 oz.

TIPS FOR SOFT FACE HAMMERS

Number		Wgt.
H-76T	Tip for Hammer No. H-76	2½ oz.
H-77T	Tip for Hammer No. H-77	6 oz.

SLEDGES — HAND AND HEAVY DUTY DOUBLE HEAD

New Britain Sledges have fitted high grade hickory handles, power driven and machine wedged. Handles are finished with a clear lacquer. Heads are forged from selected steel with "rim-tempered" face.

Part No.	Length	Weight
H-84 (Hand)	16"	4 lbs.
H-88 (Heavy Duty)	32"	8 lbs.

STEEL AND RUBBER HAMMER

A very popular and handy tool, especially on body and fender work.

Number		Length	Wgt.
R-300		14"	2½ lbs.
R-301	Extra Rubber Heads		

RUBBER MALLET

High grade live rubber head molded on the handle which has corrugated ridges to doubly secure head on handle.

Number	Length	Wgt.
NR-192	15"	20 oz.

Body Repair Tools

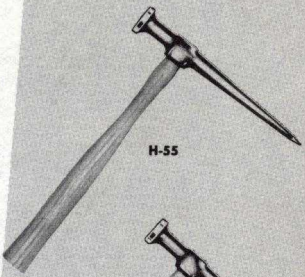
BODY TOOL EQUIPMENT

Ever-changing body styles require Tools that keep pace with these changes and assure accurate work. The professional mechanic appreciates new designs in this New Britain Line as soon as he feels the perfect balance of these Hammers. The new angles on the Hammer faces fit the new bodies perfectly — thus making better repairs easier, quicker and more profitable.

FINISHING HAMMER

Here's just the right Hammer for high crowned fenders and other hard-to-get-at places where a long reaching pein is useful.

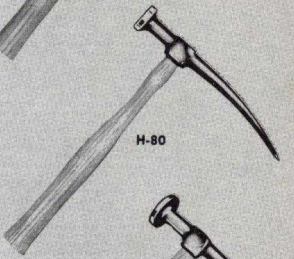
Number	Ounces	Head	Face Diam.	Handle	Wgt.
H-55	15	8"	1 ¼"	10 ¼"	1¼ lbs.



CURVED FINISHING HAMMER

A long reach metal finishing Hammer with a lead pencil size point for use in driving up small dents in low crown and flat panels. Permits reaching over braces and inner construction inside the bodies. Will also reach into such places as the edge of a roof rail panel and in behind reinforcements.

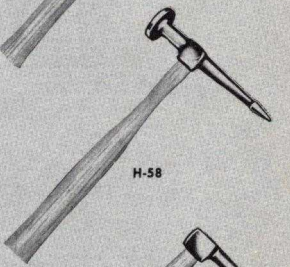
Number	Rd. Face	Point	Length Head Pointed End	Head Length	Wgt.
H-80	1⅜"	1/32" radius	5¾"	8"	9 oz.



FINISHING HAMMER

Another very popular Hammer because of the medium long point for working under fenders. For finishing work, it has a highly polished face, 1⅝" in diameter.

Number	Ounces	Head	Rd. Face	Handle	Wgt.
H-58	9	6¾"	1⅝"	11½"	1 lb.



FENDER BUMPER

Designed especially for rough-out work. This Fender Bumper reaches underneath fenders without removing wheels.

Number	Lbs.	Head	Diam. of Face	Overall Length	Wgt.
H-56	1½	8½"	15/16"	15"	22 oz.

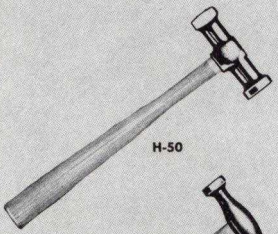
BLACKSMITH HAMMER

Perfectly balanced 40 ounce hammer, 15 inches long. Drop forged head and sturdy handle for a long life of service.

Number	Ounces	Head	Face Diam.	Handle
H-90	40	5"	1½"	14"

NAPA New Britain HAND TOOLS

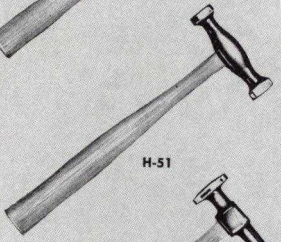
BODY TOOL EQUIPMENT



LIGHT BUMPING HAMMER

For work on late model cars which have fenders of lighter weight steel, this Light Bumping Hammer is faster and safer.

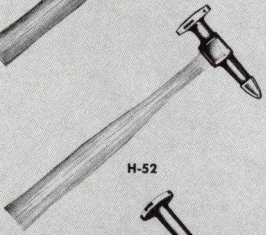
Number	Head Ounces	Head	Rd. Face	Sq. Face	Length Overall	Wgt.
H-50	9	3½"	1¼"	1"	12¼"	12 oz.



BUMPING HAMMER

This sturdy 14 oz. Bumping Hammer is ideal for real tough jobs, because the weight of the head is equally distributed.

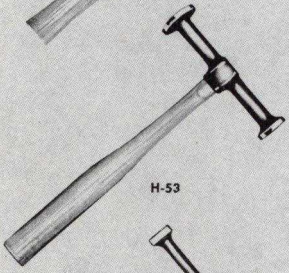
Number	Head Ounces	Head	Rd. Face	Sq. Face	Length Overall	Wgt.
H-51	14	5"	1⅝"	1½"	12¼"	18 oz.



SPECIAL BUMPING HAMMER

The small pein and flat polished head of this Hammer makes it a fine combination tool for driving up small dents and smoothing.

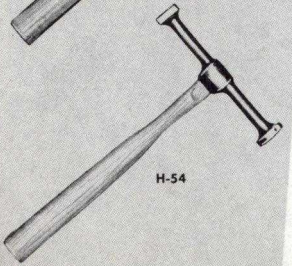
Number	Ounces	Head	Rd. Face	Point Radius	Length Pointed End	Wgt.
H-52	7	3½"	1 3/16"	5/32"	7/16"	12 oz.



DINGING HAMMER

A strong Hammer built to withstand the severe usage encountered in general bumping and dinging, including the high crown panels where heavier blows are necessar ·. The long head permits dinging over the obstructions where the shorter Hammers cannot reach.

Number	Head Ounces	Rd. Faces	Head Length	Wgt.
H-53	13	1¼" and 1¾"	6"	14 oz.



DINGING HAMMER

A perfectly balanced Hammer for light dinging in places where long reach is necessary. One square face permits dinging in next to the corner of a moulding or beading.

Number	Head Ounces	Rd. Face	Sq. Face	Head Length	Wgt.
H-54	13	1 5/16"	1¼"	6"	15 oz.

DROP FORGED DOLLY BLOCKS

These New Britain Dolly Blocks are Drop Forged, from selected steel having extreme strength and ductility and are easy on the Hammer. Ground with the utmost care, finished and oil polished, for a smooth, perfect surface.

TOE DOLLY BLOCK

This Dolly is very adaptable because of its thinness and length. It also has a large, perfectly flat face which is very useful in dinging lower hood quarters and other flat panels.

Number	Length	Width	Thickness	Wgt.
DB-5	4¾"	2¼"	1 1/16"	2½ lbs.

DB-5

BAR DOLLY BLOCK

Fits contours of latest models. The angle between the large low crown face and the sides is less than 90°. This important feature permits dinging in the farthest recesses of a flanged edge.

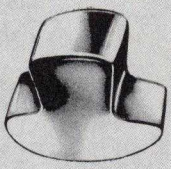
Number	Length	Width	Thickness	Wgt.
DB-7	4"	2½"	1¾"	2 lbs.

DB-7

GENERAL PURPOSE DOLLY BLOCK

Has several differently crowned working faces and two flanging and beading lips.

Number	Length	Width	Thickness	Wgt.
DB-8	2¾"	3"	2¼"	2¼ lbs.



DB-8

WEDGE DOLLY BLOCK

A favorite among many body repairmen for all-round use. Has a long, thin lip which is very useful in behind reinforcements.

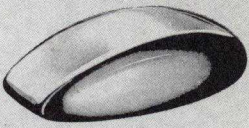
Number	Length	Width	Thickness	Wgt.
DB-9	5½"	2½"	1⅞"	2¼ lbs.

DB-9

BODY DOLLY BLOCK

The shape of the Block and its curved surfaces are such that they will take care of many late model body jobs. Each Block is carefully gauged after it is polished to insure correct radii of the curves.

Number	Length	Width	Thickness	Wgt.
DB-11	4½"	2¼"	1¾"	3 lbs.

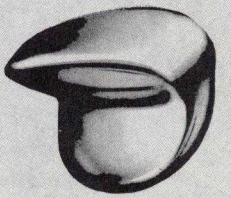


DB-11

FENDER DOLLY BLOCK

Especially useful on those extra heavy gauge truck and passenger car fenders which resist the blows of lighter Dollies. Fits the hand comfortably so that the fingers are protected from injury.

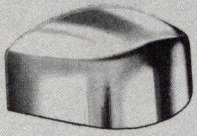
Number	Length	Width	Wgt.
DB-10	3¼"	3¼"	3¼ lbs.



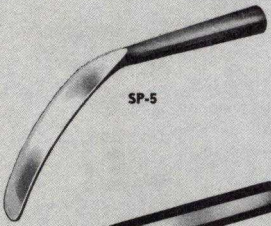
DB-10

NAPA New Britain HAND TOOLS

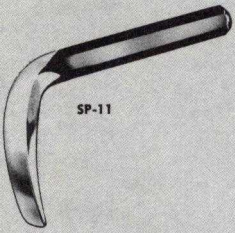
BODY TOOL EQUIPMENT



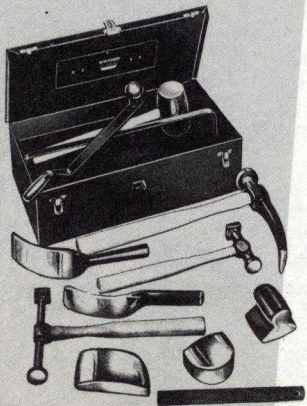
DB-6



SP-5



SP-11



311 A

HEEL DOLLY BLOCK

The design of this Dolly makes it very adaptable in corners and wide radii.

Number	Length	Width	Thickness	Wgt.
DB-6	3 1/8"	2 3/8"	1 7/16"	2 lbs.

GENERAL PURPOSE SPOONS

New Britain Spoons are hammer forged from alloy spring steel, correctly tempered and working faces are ground and full polished.

LONG CURVED SPOON

Long thin, curved blade is handy for prying up dents behind curved reinforcements.

Number	Width Blade	Length Blade	Overall	Weight
SP-5	2"	7"	10 1/2"	1 1/2 lbs.

LONG TURRET TOP SPOON

This is a strong rugged Tool built to withstand severe usage. Can be used for driving, as a pry, or as offset dolly for dinging. End of blade has medium calking face.

Number	Face	Handle	Overall	Wgt.
SP-11	1 7/8" x 5 1/4" x 3/16"	1 1/8"	10"	3 1/2 lbs.

BODY AND FENDER REPAIR TOOL SET

Contains the essential Tools for body and fender repair work that the average shop will be called upon in general body work.

284	File Holder	H-54	Dinging Hammer
X-290	File	H-80	Finishing Hammer
DB-5	Toe Dolly Block	NR-192	Rubber Mallet
DB-6	Heel Dolly Block	SP-5	Wide Blade Spoon
DB-8	Gen. Purpose Dolly Block	SP-11	Long Turret Top Spoon
H-50	Bumping Hammer	15241	Metal Box 17" x 9" x 4"

Number		Wgt.
311 A	12 Pc. Set	25 lbs.

Pulling Equipment

SUPER GRIP PULLERS

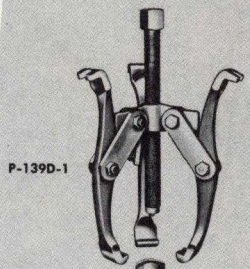
HEAVY DUTY GEAR PULLERS

The Pullers illustrated and described on this page comprise a group which will handle the majority of pulling jobs a repair shop will be called upon to perform. Jaws and blocks are of drop forged chrome molybdenum steel, oil tempered to stand hard service. The Power-Pitch thread on the forcing screw provides one third more power than the conventional V-type thread.

SENIOR GEAR PULLER
8" MAXIMUM SPREAD

These New Britain non-slip Gear Pullers have a maximum reach of 5½" and will handle work up to 8" in diameter including flywheels, pulleys, gears and other parts where it is necessary to fit the arms between spokes where other Pullers cannot function. They apply a direct pull parallel with the center by virtue of their 3-point grip.

Number	Capacity Dia.	Wgt.
P-139D-1	8"	5 lbs.

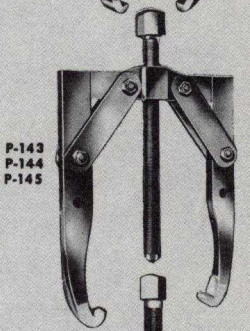


P-139D-1

STANDARD TWO ARM PULLERS

The Standard Jaw is especially applicable in the automotive field for removing bearings, timing gears, pinions, and generator and magnetic gears. Safer because it doesn't slip . . . the tougher the pull, the harder it grips.

No.	Max. Length Reach	Max. Width Reach	Capacity Tons	Weight
		With Single Arms		
P-143	8½	0 to 10"	7	4 lb. 14 oz.
P-144	10	0 to 12"	15	10 lb. 7 oz.
P-145	15	0 to 14"	17½	12 lb. 15 oz.

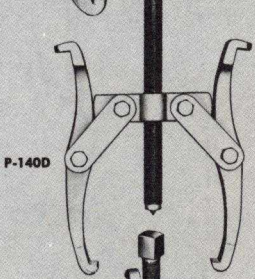


P-143
P-144
P-145

REVERSIBLE JAW GEAR PULLER
8" MAXIMUM SPREAD

This two-jaw Puller owes its popularity to the wide range of work it performs. The reversible arms provide thin grips at one end, which can be applied in restricted places; and slotted grips at the other, which conveniently engage cap screws where gears or parts having tapped holes are being removed. The wide range of work encompassed by this Tool embraces truck, bus, tractor and aircraft.

Number	Capacity Dia.	Wgt.
P-140D	8"	4 lbs.

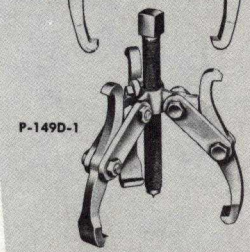


P-140D

JUNIOR GEAR PULLER
6" MAXIMUM SPREAD

A smaller edition of the New Britain Model P-139D Wheel Puller. Made of the same quality materials, with adjustable arms and featuring the non-slip design wherein the tougher the pull the harder the grip.

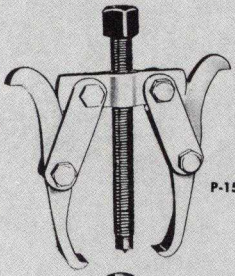
Number	Capacity Dia.	Wgt.
P-149D-1	6"	2½ lbs.



P-149D-1

NAPA New Britain HAND TOOLS

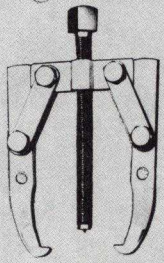
SUPER GRIP PULLERS



REVERSIBLE GEAR PULLER
6" MAXIMUM SPREAD

A smaller size model of the New Britain No. P-140D Reversible Jaw Gear Puller which is especially popular where work includes removal of magneto and generator gears and bearings, timing gears, pinions and other small parts that are frequently difficult to remove. The reversible arms, readily changed by removal of link bolts, broaden the usefulness of this non-slip grip Puller.

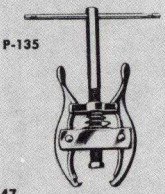
Number	Dia. Spread	Wgt.
P-150D	6"	1¾ lbs.



MIDGET GEAR PULLER

The Midget Gear Puller has a patented gripping feature that affords many advantages. The thin jaws and their great strength give you a Tool that is at once Safe and Sure. The power-pitch threads on the forcing screw contribute more power than the conventional V-thread. P-136A is invaluable for pulling small gears, bearings, and armature arbors. It slips with ease through armature bearing races. Safer because it doesn't slip . . . **the tougher the pull, the harder it grips.**

Number	Capacity	Wgt.
P-136A	4"	14 oz.



BATTERY TERMINAL AND GENERATOR BEARING PULLER

Designed to engage either below or on the sides of the cable terminals and lift even badly corroded terminals with no harm to the battery case or posts. The swivel is so versatile it also can be used as a generator bearing puller and magneto gear puller.

Number	Wgt. Pkg.
P-135	10 oz.

FLANGE TYPE WHEEL PULLER

This Flange Puller covers all major cars and small trucks with flange type axles. The bolt circle range is from 4½" to 5½". The 5½ pound hammer with an overall length of 22" can also be used as a regular wheel and hub puller. Puller shipped with P-147-1 Yoke only. Shipping weight 10 lbs.

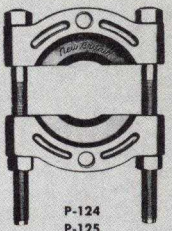
Part No.	Description
P-147	Complete Puller
P-147-1	Universal Yoke for Chevrolets, Pontiacs and Fords
P-147-2	Yoke for Valiant and Lancer
P-147-3	Adapter required to remove the Axle Shaft on Rambler and Chrysler products except Valiant and Lancer

SUPER GRIP PULLERS

TAPERED BEARING ATTACHMENT

Another exclusive and improved New Britain Tool design to assist automotive mechanics in doing better work, easier and more quickly. Not only will this New Britain Bearing Attachment perform every job of separating you'll be called upon to do, but it will do it surely and stand up under heavy work. The stud holes, spotted in the center of each jaw afford precise positioning of the two jaws of the Hub Puller. This Bearing Attachment is especially recommended for use with New Britain Hub Pullers Nos. P-100, P-140D and P-150D.

Number	Cap.	Wgt.
P-124	2¼"	1¼ lbs.
P-125	4¼"	5 lbs.

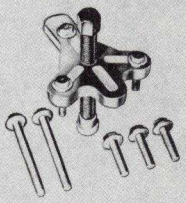


P-124
P-125

HARMONIC BALANCER PULLER

This puller is designed to pull Balancers, Vibration dampers, Pulleys or any gear with tapped holes. The four slots in the yoke allow the use of this tool in either two or three hole applications. The Floating Swivel prevents damage to shaft ends. Included, are the necessary Side Screws — (3) ⅜-24 x 2" — (3) 9/16-18 x 2" — (2) ⅜-16 x 4". Cadmium Plated.

Part No.	Weight
P-130	2½ lbs.

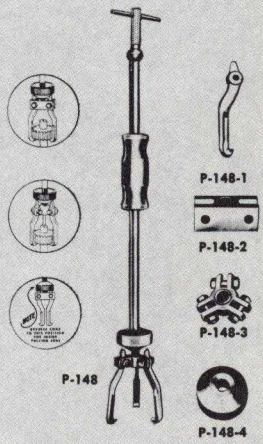


P-130

SLIDE HAMMER PULLER SET

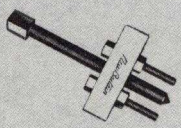
The Slide Hammer Puller Set shown at the left is a universal Tool that is easily and quickly adapted to outside and inside pulling operations. It can be used as a two-way or three-way puller by simply changing the Two-Way Block, P-148-2 to the Three-Way Block, P-148-3 and inserting Jaws, P-148-1 as shown in the small illustrations alongside the complete assembly. Reversing the Cone, P-148-4 arranges the Tool for inside pulling jobs. Your Slide Hammer Puller Set will find plenty of use in pulling gears, bearings, pinions, grease retainers, oil seals, bearing outer races and many other troublesome jobs. Capacity with 2-Jaws—Outside: 1" to 4½", Inside: 1¼" to 3⅜". Capacity with 3-Jaws—Outside: 1½" to 4½", Inside: 1-5/16" to 4¾".

Number		Wgt.
P-148	Complete Slide Hammer Puller Set including Slide Hammer Assembly, P-148-1 One of 3 Puller Arms, P-148-2 Two-Way Puller Head, P-148-3 Three-Way Puller Head, P-148-4 Adjusting Cone	8 lbs.
P-148-1	1 Puller Arm	1 lb.
P-148-2	Two-Way Puller Head	½ lb.
P-148-3	Three-Way Puller Head	½ lb.
P-148-4	Adjusting Cone	1¼ lbs.
P-148-5	Slide Hammer Assembly Only	4¾ lbs.



P-148
P-148-1
P-148-2
P-148-3
P-148-4

NAPA New Britain HAND TOOLS

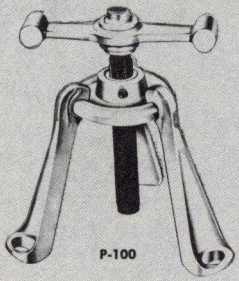


P-126

GEAR AND PULLEY PULLER

Designed for pulling timing gears, bearings and races on generators and other parts such as Chevrolet fan pulleys, etc. The slotted block permits a wide range of adjustments. The screw is long enough to reach through the crank hole and remove the fan pulley without dismounting the radiator. This Tool is especially useful when used with P-124 in many push-pull operations.

Number		Wgt.
P-126	Complete as illustrated with 6" Screw	1½ lbs.
P-126-6	6" Screw for P-126	
P-126-12	12" Screw for P-126	

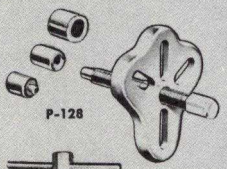


P-100

UNIVERSAL HUB PULLER

Here you have the best designed and most practical Hub Puller on the market today. This is because the sliding arms are easily and quickly adjustable to fit any type of hub regardless of the number of wheel studs used. Works on any wheel where hub bolt circle does not exceed 7½".

Number		Weight
P-100	Wheel Hub Puller Set	10 lbs.
P-100J	Replacement Leg	3 lbs.
P-100W	Hub Puller Wrench	2 lbs.

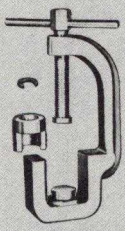


P-128

STEERING WHEEL PULLER

Any steering wheel that is tapped to take cap screws can be easily and quickly removed with this new Steering Wheel Puller. Excellent too, for removing flanges, pulleys, etc. For use over a hollow shaft, a nipple is supplied to provide a base for the screw. Also includes Adapters for Buick and Chrysler Products.

Number	Weight
P-128	1 lb.

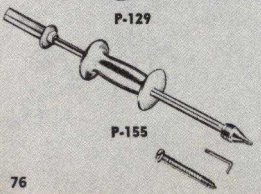


P-129

UNIVERSAL JOINT TOOL

This tool removes and assembles Universal Joints on the majority of passenger cars and light trucks with a minimum amount of time and effort. The key to this method is in the use of the Special Adaptor which allows the bearing cups to be removed in one simple and fast operation. A horseshoe shaped spacer is provided for use on certain types of joints having a longer than normal skirt.

Part No.	Weight
P-129	5¾ lbs.



P-155

BODY DENT PULLER

This time saving Dent Puller will remove auto body creases and dents easily without disturbing upholstery, headliners and body hardware. Removing inner panels of dented area is also eliminated. Punch or drill hole in dented panel, insert self-threading screw or hook and with a few raps of the sliding hammer return metal to its original shape. Sturdy plastic handle and cadmium finished body.

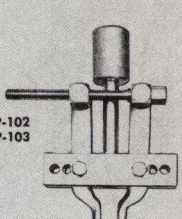
Part No.		Length	Weight
P-155	Complete Tool	13"	4 lbs.
P-155-1	Replacement Screw		
P-155-2	Replacement Hook		
P-155-3	Replacement Cone		

Pulling Equipment

INTERNAL PULLING ATTACHMENTS

These versatile pulling attachments accomplish difficult removal jobs fast; the professional way. Removes bearing cups, oil seals, bushings and other parts from blind holes quickly, without damage to costly parts. Jaw spread 1½" to 5" and 1½" to 6". Choice of three jaw positions to fit various diameters.

Number	Diameter	Weight
P-102	1½" to 5"	4½ lbs.
P-103	1½" to 6"	4½ lbs.

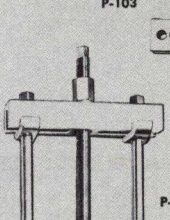


P-102
P-103

PUSH PULLER—10 TON CAPACITY

Removes and installs parts safely, easily . . . without costly damage. Operations involving the removal and installation of gears, bearings, pulleys, couplings, sprockets, shafts and other press fitted parts are performed safely and quickly. Can be used to apply either pushing or pulling force. Supplied with 6 ¾" legs.

Number	Capacity	Weight
P-105	10 Ton	7 lbs.



P-105

EXTRA LEGS FOR PUSH PULLER

Available in 4¾", 6¾", 11¾" and 15¾" reach. Leg ends are threaded ⅝"–18.

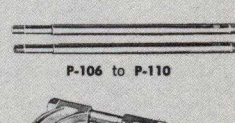
Number	Reach	Weight
P-106	4¾"	1 lb.
P-107	6¾"	1½ lbs.
P-109	11¾"	2¼ lbs.
P-110	15¾"	3¼ lbs.

P-106 to P-110

BEARING SEPARATOR ATTACHMENT

This versatile attachment will solve pulling problems where space does not permit hooking puller jaws directly onto part to be pulled. Its "knife-like" edges can actually be forced behind the part for easy removal. When used with a standard 2 jaw puller, puller jaws grip attachments outer edge; when used with a push-puller, puller legs are threaded into attachments' two threaded holes.

Number	Max. Spread	Min. Spread	Weight
P-131	1"	¼"	¾ lbs.
P-132	8"	⅝"	19¾ lbs.



P-131
P-132

2 AND 3 JAW PULLERS

For the removal of bearings, gears, pulleys, wheels, etc., safely, quickly and easily, without damage to valuable parts. The more pressure applied, the tighter these pullers grip . . . will not slip off work. Puller screws feature pitched thread for extra power. ½ to 10 ton capacity.

	Capacity	Spread Max.	Screw Size	Weight
2 Jaw				
P-146	½ Ton	3"	5/16"-24 x 3⅜" lg.	5 oz.
P-151	10 Ton	14"	13/16" x 12" lg.	13 lbs.
3 Jaw				
P-141	½ Ton	3"	5/16" x 24 x 3⅜" lg.	8 oz.
2 & 3 Jaw Comb.				
P-157	10 Ton	14"	13/16" x 12" lg.	18¼ lbs.

P-146

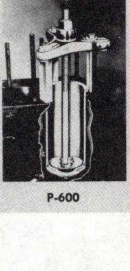
P-141

P-151

P-157

Sleeve Pullers

NAPA New Britain HAND TOOLS



P-600

P-610 to P-704

SLEEVE PULLER

Removes engine sleeves of more than 450 makes and models of trucks, buses, tractors, etc. Cuts re-sleeving time up to 75%; handles both wet and dry sleeves without removal of cylinder head studs. Puller plates (listed below) are inserted through bore from the top, making sleeve removal a one-man operation.

Number		Weight
P-600	(Manually operated)	21lbs.

SLEEVE PULLER PLATES

Number

P-610 to P-704

SLEEVE PULLER PLATE APPLICATION CHART

ALLIS-CHALMERS

New Britain Part No. P-620
60 H Power Unit
B Tractor; B-125 Power Unit
BE Engine
C, CA Tractor, CE Tractor
D-10, D-12 Tractors
G-139 Engine

New Britain Part No. P-626
4B, 4BD, 4DA153 Power Unit
6B, 6BD
G-230PC Engine
230 Series
153 Series
BD-153, B-230
D-153 Power Unit
D-230 Power Unit
DA-153, DA-230 Power Units
DD Grader; DD230 Power Unit
G153PC Engine
TL6D
WD-45 Diesel

New Britain Part No. P-628
D-14 Tractor

New Britain Part No. P636
G-2000 Series

New Britain Part No. P-640
D-17, D-19 Tractors and Gleaner Combines having 262 cu. in. gas or diesel engines
D-175 Engine
D-262, D-262T Engines
DA-262 Engine
G-262, G-262PC Engines

New Britain Part No. P-646
D-17 Tractor-Diesel Engine
TL-14

New Britain Part No. P-650
D-2000 (all series)

New Britain Part No. P-658
D Grader
D-17 Engine
TL-10
W Engine; W-25, W-201, W-226 Power Units; WC, WD, WD-45 Gas, WF Tractors

New Britain Part No. P-662
D-17 Tractor—Gas Engine
G-226 Engine
TL-11

New Britain Part No. P-674
3,000 Series

New Britain Part No. P-676
AD-3, AD-4
BD-2, BD-3
DT-468 Power Unit
HD-5 Tractor
HD-7, HD-9; HD-10 Tractors
HD-14, HD-15, HD-19 Tractors

New Britain Part No. P-694
MO-672 Power Unit

ALLIS CHALMERS (Cont'd.)

New Britain Part No. P-702
844, 1125
19,000, 21,000H, 25,000
D-844 Power Unit
15,000-16,000-16,000H
DA Engine
DA-1125 Power Unit
DAS, DAS-1125 Power Unit
DC, DCS Engine
DS-844 Power Unit
E Tractor or Engine; E-60, E-563 Power Unit
HD Engine
HDS, HDT-799 Tractor
KO Tractor
L Engine or Tractor; L-90, L-779, L-844—Power Unit; LO Tractor
MO Engine
TD Engine, TDS Engine

I. L. CASE

New Britain Part No. P-610
V Series

New Britain Part No. P-616
VA Series Engines; VA, VAC, VAH, VAI VAO Tractor

New Britain Part No. P-620
300 Series—Diesel

New Britain Part No. P-622
300 Series—Carburetted
440, 441 Tractors
G148B Engine

New Britain Part No. P-624
540, 541 Tractor
G159 Engine
S Series (Other Than Above); S, SC V Combine

New Britain Part No. P-632
S Series (3.625 to 4.132)

New Britain Part No. P-640
350, 351 Tractors

New Britain Part No. P-650
C, CC, CO-S, CE, CH, CI, CO, CV
D Series (other than above); D, DC Tractor; DE Combine; DE Self-Propelled Combine; DI, Do Tractors
P Combine

New Britain Part No. P-658
400 Series
500 Series
600 Series
700 B Series—Spark Ignition
710 Tractor, 719 Combine with Spark Ignition Engine, 719 Engine Unit
740, 741 GP Tractors
800 Combine with A251G or A251LP
800B Series Spark Ignition Engines
810 Tractor
900 Tractor, 900B Series Engines
940 Tractor
A251G, A251LP Engines
A377, A377G, A377LP Engines
W 98G Tractor
W 98G
W9G Terraloader
W10BG

I. L. CASE (Cont'd.)

New Britain Part No. P-662
C Series (4,000 to 4,246)
D Series (4,000 to 4,246)

New Britain Part No. P-668
700 Tractor; 700B Series—Diesel
709 Engine Unit
719 Combine with Diesel Engine
730, 731 GP Tractor
800 Combine with A-267D Engine
800 Tractor
800B Series Diesel Engines
930 Tractor
A-267D Engine
W9D Terraloader
W-10 Terraloader

New Britain Part No. P-672
A-401D Engine and Engine Unit
W-98D Tractor
W-98D
W-10BD

New Britain Part No. P-674
840, 841GP Tractors
1000 Combine with A-284G or A-284LP
A-284, A-284G, A-284LP Engines
W7G Tractor
W-9A-1 Terraloader

New Britain Part No. P-678
830, 831GP Tractors
1000 Combine with A301D Engine
1200 Tractor
A310B Engine and Engine Unit
A451D Engine
W7D Tractor
W9A-D Terraloader
W12 Terraloader

New Britain Part No. P-682
No. 12 Grader (new)
No. 112 Grader (new)
D-4 (new)
D-6 (new)
D-315, D-318
DW-10 (new)

New Britain Part No. P-700
D-326
D-337
DW-20, DW-21

New Britain Part No. P-702
30, 40, 50, 75 Diesels
D-6100
D-7700
D-11000

CATERPILLAR

New Britain Part No. P-636
No. 212 Grader (old)
D-2 (old)
D-3400

New Britain Part No. P-658
No. 212 Grader (new)
922A, 933
D-2 (new)
D-4 with D320 Engine
D-311
D-320

CATERPILLAR (Cont'd.)

New Britain Part No. 674
No. 12 Grader (old)
No. 112 Grader (old)
D-4 (old)
D-6 (old)
D-312
D-468
D-4400, D-4600
DW-10 (old)

CONTINENTAL MOTORS

New Britain Part No. P-612
G-134

New Britain Part No. P-620
Z-134

New Britain Part No. P-622
Z-145

New Britain Part No. P-638
GD-193, GF-193

New Britain Part No. P-646
G-176

New Britain Part No. P-654
E-223, E-242

New Britain Part No. P-682
JD-382

New Britain Part No. P-684
D-403

New Britain Part No. P-696
R-6602

CUMMINS

New Britain Part No. P-668
"J" Series

New Britain Part No. P-694
"H" Series

New Britain Part No. P-698
"NH" Series with 5¼" Bore
V12-525 with 5¼" Bore

New Britain Part No. P-704
"NH" Series with 5½" Bore
"NT" Series
"V" Series with 5¼" Bore

FERGUSON

New Britain Part No. P-616
TO-30

New Britain Part No. P-620
TO-35, TO-40

FORD

New Britain Part No. P-614
8N (with cast iron sleeves)

New Britain Part No. P-628
Fordson Dextra Tractors

New Britain Part No. P-630
NAA Tractor

New Britain Part No. P-652
172 Engine—Gasoline, Diesel, or LPG
801, 900, 901, 1800, 1801 Tractors

New Britain Part No. P-656
Fordson Major Diesel, Power Major, Super Major

GENERAL MOTORS

New Britain Part No. P-654
53 Series Engines

New Britain Part No. P-676
4-71, 6-71, 6V-71, 8V-71 Engines
71, 71E, 71T, V7 Series Engines

HERCULES

New Britain Part No. P-618
D1X-4B

New Britain Part No. P-622
D1X-4C

New Britain Part No. P-628
D1XB

New Britain Part No. P-644
D1X6-272

New Britain Part No. P-662
D1XC
D00C
DWXC

New Britain Part No. P-676
D1XD
D00D
DWXLDF

I. H. C

New Britain Part No. P-610
A, Super A Tractor
AV, Super AV with C-113 Engine
B Tractor
BN Tractor
C Tractor
C-113 Engine
F-12, F-14, Tractor

New Britain Part No. P-612
100 Series with C-123 Engine
130 Series with C-123 Engine
200 Series with C-123 Engine
230 Series with C-123 Engine
Super A-1 Tractor
Super AV-1 Tractor
Super C Tractor
C-123 Engine

New Britain Part No. P-618
330 Series with C-135 Engine
340 Series with C-135 Engine
404 Tractor
C-135 Engine, Gas & LPG
T-340 Crawler Tractor
UC-135 Power Unit

New Britain Part No. P-622
3414 Tractor with BC-144 Engine
B-275 Tractor
B-414 with BD-144A Diesel
BC-144 Gas Engine
BD-144A Diesel
C-152 Engine
D-35, D-35-B Trucks
D-216, D-216-F Trucks
DS-35 Truck
DS-216-T Truck
FAB-241 Engine
FAC-241 Engine
H-Tractor
I-4 Truck
K-6, K-6-B, K-6-F, K-6-T Trucks
O-4, OS-4 Tractor
U-4
W-4 Tractor

SLEEVE PULLER APPLICATION CHART

I. H. C. (Cont'd.)

New Britain Part No. P-624
D-40 Truck
D-400 Truck
DS-40 Truck
DS-400 Truck
FAB-259 Engine
FAC-259 Engine
K-7, K-7COE Trucks
K-400, K-400-E Trucks
KF Truck
KS-7, KS-7 COE, KS-700-E Trucks

New Britain Part No. P-626
B-4 Truck
BLD-250 Engine
C-35, C-358, C-35T, C-40, C-40F, C-40T Trucks
CS-40-T Trucks
FAB-223 Engine

New Britain Part No. P-628
424 Tractor
2424 Tractor
3414 Tractor with BD-154 Engine
B-414 with BD-154 Diesel
BD-154 Diesel
C-164 Engine
Super H Tractor
HV Tractor
Super HV Tractor
Super W-4 Tractor

New Britain Part No. P-630
C-152 Engine (Thin Wall)

New Britain Part No. P-632
A-4, A-5, A-6 Trucks — FBB-279 Engine
C-50, C-50-F, C-50-T Trucks
CS-50, CS-50-T Trucks
FBB-279 Engine
KS-6

New Britain Part No. P-634
350 Carburetted Series
C-169 Engine (thin wall)
C-175 Engine
U-175

New Britain Part No. P-636
A-5, A-6 Trucks with FBB-298 Engine
C-55, C-55F, C-55T, C-60, C-60-T
D-50 Truck
D-246, D-246-F, D-246-T Trucks
D-500 Truck
DB-50, DR-246-T, DR-500 Trucks
DS-50 Truck
DS-246-T Truck
DS-500 Truck
F-20 Tractor
FBB-3 Engine
FBB-298 Engine
P-40, PA-50 Tractor
T-20, PA-50 Tractor
T-20, T-40
U-7
W-40

New Britain Part No. P-638
350 Diesel Series
C-193 Engine

New Britain Part No. P-640
3000 Series
C-169 Engine
Thin Wall
U-169

New Britain Part No. P-642
460 Series Carburetted
460 Tractor
560 Series & Tractor, Gas
606 Tractor with C-221 Engine
660 Tractor with C-263 Engine
706 Tractor with C-263 Engine
C-164 Engine (thin wall)
C-221 Engine
C-263 Engine
T-6 (62) with C-263 Engine
UC-221, UC-263 Power Units

I. H. C. (Cont'd.)

New Britain Part No. P-644
150 Loader with D-282 Engine
340-D Tractor
460 Series Diesel
504-D Tractor & Engine
560 Series & Tractor, Diesel
606 Tractor with D-236 Engine
660 Tractor with D-282 Engine
706 Tractor with D-282 Engine
D-166 Engine
D-236 Engine
D-282 Engine
TD-6 (62) with D-282 Engine
TD-9 Series B
TD-9 (92) with D-282 Engine
TD-340
UD-236 Power Unit
UD-282 Power Unit

New Britain Part No. P-646
BD-269 Engine
BLD-269 Engine
K-7 with BLD-269 Engine
L-170, L-180 Series

New Britain Part No. P-654
6 Series Carburetted and Diesel
D-248 Engine
D-268 Engine
D-246, D-246-F, D-246-T Trucks
M Tractors, Carburetted—Diesel
T-6 with D-248 Engine
TD-6 with D-248 Engine
U-6
UD-6, UD-6A

New Britain Part No. P-660
C-248 Engine
D-248 Engine

New Britain Part No. P-662
Super 6 Series Carburetted—Diesel
400 Series Carburetted & Diesel
C-264 Engine
D-264 Series
Super M Tractors, Carburetted Diesel
T-6 (61) with C-264 Engine
TD-6 (61) with D-264 Engine
U-264, U-264-A
UD-264

New Britain Part No. P-666
9 Series Carburetted and Diesel
16 Series with D-502 Engine
C-281 Engine
D-335 Engine
D-502 Engine
T-9 with C-335 Engine
TD-9
U-9
UD-9, UD-9A
UD-16

New Britain Part No. P-670
175 Loader with D-361 Engine
450 Carburetted & Diesel
806 Tractor
C-281 Engine
D-281 Engine
D-361 Engine
T-6 (61) with C-281 Engine
TD-6 (61) with D-281 Engine
TD-15 Series B
U-281
UD-281-4 Power Unit
UD-361
UDT-429, UDT-573

New Britain Part No. P-672
RED-361, RED-401 Engines

New Britain Part No. P-674
54, 54C, 63 Tractors
74, 74C Trucks
94 Trucks
103, 104C Trucks

New Britain Part No. P-680
KB-11 Series
L-185, L-190, L-200, L-210 Series
RD-372, RD-406, RD-450 Engines
RED-450 Engine

I. H. C. (Cont'd.)

New Britain Part No. P-684
Super 9 Series Diesel
91 Series Diesels
600 Series Carburetted & Diesel
650 Series Diesel
C-350 Engine
D-350 Engine

New Britain Part No. P-686
65B Pay Hauler
250 Loader
270 Pay Scraper
D-525 Engine
DT-429, DT-573 Engines
TD-9 (91)
TD-20 Series B
UD-350 Power Unit

New Britain Part No. P-688
D-370 Engine
D-554 Engine
TD-15, TD-15 (150), TD-15 (151)
UD-370 Power Unit
UD-554 Power Unit

New Britain Part No. P-692
14, 14A Series Diesel
18, 18A Series Diesel
D-461 Engine
D-691 Engine
TD-14, TD-14A, TD-14A (141),
TD-14 (142) TD-18,
TD-18 (182)
TD-20 (200), TD-20 (201)
UD-14, UD-14A
UD-18, UD-18A UD-691

JOHN DEERE

New Britain Part No. P-650
JD-350, JD440, JD450, Series 4 and 5

New Britain Part No. P-664
3010, 4010 Gas

New Britain Part No. P-672
3010, 4010 Diesel

New Britain Part No. P-676
3020, 4020 Diesel and Gas
JD-500, JD-500 Diesel and Gas

New Britain Part No. P-692
5010, 5010-I Diesel
5020 Series
JD-700 Diesel

LE ROI

New Britain Part No. P-624
D-140

New Britain Part No. P-636
D-176 Engine

New Britain Part No. P-658
85GI, 125, 125GI Tractor
Compressor Engines
D-201, D226 Engines

LE TOURNEAU-WESTINGHOUSE

New Britain Part No. P-650
220 Grader GM 4-53 Engine

New Britain Part No. P-668
330 Grader-Cummins I-6-B1 Engine
330 Grader-Cummins JNR-100cI
300H Grader-Cummins JNR-100cI
350 Motor Grader

New Britain Part No. P-676
90 Coalhauler—GM 71 Series Engine
100 Coalhauler—GM 71 Series Engine
330 Grader GM71 Series Engine
330H Grader GM71 Series Engine
440, 440H, 440H (Power flow) Graders
with GM71 Series Engines
550 Grader-GM71 Series Engine
660 Grader-GM71 Series Engine
666 (power flow), 666 (standard GM Series Engine
777 (power flow), 777 (standard)—GM 71 Series Engine
B-70 with GM71 Series Engine
C-500 with GM71 Series Engine
C Tournapull—GM71 Series Engine
C Tractor—GM71 Series Engine
D Tornapull—GM71 Series Engine

LE TOURNEAU-WESTINGHOUSE (Cont'd.)

D Tractor—GM71 Series Engine
LW-25, LW-30, LW-35, LW-40, LW-50, LW-65 with GM71 Series Engines

New Britain Part No. P-694
440H Grader-Cummins H-135-C1
660 Grader-Cummins HRF-6-B1 Engine
666 (standard)-Cummins H-135-C1
777 (standard)-Cummins H-6-C1
C Tournapull-Cummins-HS-6-B1 or HBIS-600 Engines
C Tractor-Cummins HS-6-B1 Engine

New Britain Part No. P-698
440 Grader-Cummins NHC-4C1 Engine
777 (power flow)—Cummins HRF-6-C1
B Tournapull-Cummins NHRBIS-600
C Speedpull-Cummins NHS-6-B1

New Britain Part No. P-704
90 Coalhauler-Cummins Engine
100 Coalhauler-Cummins Engine
LW-25, LW-30, LW-35, LW-40, LW-50, LW-65 with Cummins Engine

MACK TRUCKS

New Britain Part No. P-696
END-672

MASSEY-FERGUSON

New Britain Part No. P-620
Ferguson 35 Tractor

New Britain Part No. P-622
MF-135, MF-150

New Britain Part No. P-638
MF-356

New Britain Part No. P-640
MF-65
MF-165
MF-302, MF-304
MF-3165

New Britain Part No. P-648
MF-510 Combine

New Britain Part No. P-654
MF-85, MF-88, MF-90

MASSEY-HARRIS

New Britain Part No. P-620
MH-50 Tractor

New Britain Part No. P-632
E-201, ED-201 Engines

New Britain Part No. P-650
H-260, HD-260 Engines

New Britain Part No. P-662
H-277, HD-277 Engines

New Britain Part No. P-682
J-382, JD-382 Engines

OLIVER

New Britain Part No. P-612
70

New Britain Part No. P-624
55 Super, 66 Super-HC and Diesel
77 Super-HC and Diesel
88 Fleetline-HC and Diesel
166-HC, Super 166 (1958)-HC/Diesel
177-HC, Super 177-HC and Diesel
550 (1958—to serial No. 72-832-500) HC and Diesel.
770-HC, 770 Diesel
1600, Gas

New Britain Part No. P-632
Super 166 (1959)-HC and Diesel
550, 660 (1959 and up-serial No. 72-832-500 and up)-HC and Diesel
1600—3⅞" Bore

New Britain Part No. P-636
88 Super-HC and Diesel
188 Power Unit, 188-HC, 188 Diesel, HC/Diesel
880-HC, 880 Diesel
1600 Diesel, 1650 Gas
1800 Diesel—3¾" Bore

OLIVER (Cont'd.)

New Britain Part No. P-648
1850

New Britain Part No. P-650
1650 Diesel
1800 Diesel—3⅞" Bore

New Britain Part No. P-660
"99-HC" Tractor

New Britain Part No. P-662
99-HC Engine
199-HC Engine

New Britain Part No. P-668
"80" Standard Row Crop

New Britain Part No. P-674
"80 HC"

New Britain Part No. P-676
90, 995-GM 71 Series Engine

New Britain Part No. P-690
900
"90", "99"

PERKINS

New Britain Part No. P-610
A4. 99

New Britain Part No. P-628
A4. 192
P3. 144
P-6

New Britain Part No. P-648
A4. 236
A6. 354

New Britain Part No. P-674
A4. 270

REO

New Britain Part No. P-632
6-110

New Britain Part No. P-650
6-130
8-207

New Britain Part No. P-672
6-145, 6-170B
8-235

New Britain Part No. P-676
6-186, 6-200

WAUKESHA

New Britain Part No. P-616
185-GB

New Britain Part No. P-624
180, 180-DLC Diesel, 180-K
185 Series-Diesel or Spark Ignition, 185-GL, 185-GLD
190-GS

New Britain Part No. P-626
185-GM

New Britain Part No. P-632
180-DKB, 180-GKB-Spark Ignition
F-248G

New Britain Part No. P-636
130-GS
130-HS
190-DLC, 190-GLB
190-KL

New Britain Part No. P-650
190 Series-Diesel or Spark Ignition
F-283G, F310DL

New Britain Part No. P-658
130-HL

New Britain Part No. P-660
195-DLC Diesel, 195-G, 195-GL-Spark Ignition, 195-GLC
197 Series-Diesel, 197-DLC, 197-DLCS

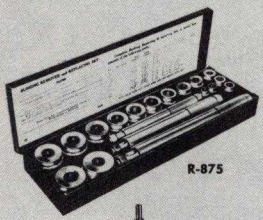
New Britain Part No. P-682
140 Series

New Britain Part No. P-698
CHK

New Britain Part No. P-702
145-GK Series—Spark Ignition
145-HK, 148 Series-Diesel, 148DK

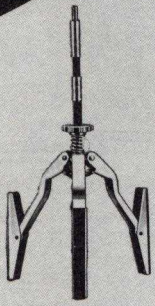
De-Glazing Tools

NAPA New Britain HAND TOOLS



R-875

R-190A



R-190

R-192

R-195

R-195-1

BUSHING REMOVER AND REPLACING SET

Drives bushings from all passenger cars, buses and a large percentage of trucks and tractors. Drivers Included

Number	Inside Diameter	Outside Diameter
RP-847	3/8"	7/16"
RP-848	13/32"	7/16"
RP-849	7/16"	1/2"
RP-851	1/2"	5/8"
RP-853	9/16"	11/16"
RP-853A*	39/64" — 5/8"	43/64" — 11/16"
RP-854	5/8"	3/4"
RP-855	11/16"	13/16"
RP-856**	47/64" — 3/4"	55/64" — 7/8"
RP-857	13/16"	15/16"
RP-858***	55/64" — 7/8"	63/64" — 1"
RP-859	15/16"	1 1/16"
RP-860	1"	1 1/8"
RP-861	1 1/16"	1 3/16"
RP-862	1 1/8"	1 1/4"
RP-862-A	1 3/16"	1 5/16"
RP-863	1 1/4"	1 3/8"
RP-864	No. 1 driver (small)	
RP-865	No. 2 driver (medium)	
RP-866	No. 3 driver (large)	
RP-867	No. 1 and 2 driver nut	
RP-868	No. 3 driver nut	

*Will drive Chev. 6 water pump bushing.
**Will drive Chev. 6 king bolt bushing.
***Will drive Chev. 6 king bolt bushing (knee action type) and Chev. 6 piston pin bushing, size .866".

Set Number	Size of Box	Wgt.
R-875	7 3/4" x 4 1/2" x 1"	4 lbs. 5 oz.

DE-GLAZING TOOL

This is the newest in de-glazing tools and consists of three cutting stones The compound arm curvature permits use of just one adjusting nut without collars to handle every size bore from 2" to 7" diameter with an extremely strong drive arrangement. Can be driven with an 1/4" to 3/8" electric drill.

Number	Description	Weight
R-190	Tool Complete-4" medium grit	1 lb. 4 oz.
R-190A	3 220 Grit Stones	
R-190B	3 400 Grit Stones	

ADJUSTABLE HONE

Adjustable to the tension wanted for the speed of cutting and wall finish desired. R-192 Specifications—Adjustable abrasive stone hone — Capacity is 2" to 5 1/4" diameter Cylinders. Med. grit stones 3" long (2 with set).

Part No.	Description
R-192	Complete Tool-3" medium grit
R-192-1	Set of 3-3" stones, medium grit
R-192-2	Same except fine grit.

BRAKE CYLINDER RESURFACING TOOL

An all-purpose 280-grit hone designed for brake cylinder and recommended for resurfacing of small engines, up to 2 1/4" bore — lawnmowers, power saws, outboard motors. Offers fast, easy cutting with high or low-speed drills. Capacity is 3/4" to 2 1/4" diameter.

Number	Description	Weight
R-195	Brake Cylinder Hone-1 1/8" medium grit	
R-195-1	Set of 3 Replacement Stones medium	8 oz.
R-195-2	Set of 3 Replacement Stones fine	8 oz.

CYLINDER RIDGE REAMER

A Ridge Reamer engineered to work perfectly on all type cylinders — angle block, short stroke; conventional; 3" to 5" range — WITHOUT READJUSTMENT.

Part No.	Range	Weight
R-175	3"-5"	2 lbs. 10 oz.
R-175-1	Carbide Cutter	½ oz.

PRECISION PILOT REAMERS

You must see this Set to appreciate its great advantages in reaming King Bolt, Spring Shackle, Pitman Arm, Piston Pin, Water Pump and Tie Rod Bushings.

Number	Size	Number	Size
RP-5B	1 1/16" to ¾"	‡RP-9B	.915" to 1"
*RP-6B	.730" to 13/16"	§RP-10B	.985" to 1 1/16"
RP-7B	13/16" to ⅞"	RP-11B	1 1/16" to 1⅛"
†RP-8B	.860" to 15/16"		

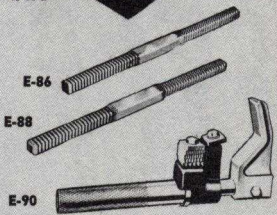
*RP- 6B reams Chev. 6 King Bolt Bushing, size .735"
†RP- 8B reams Chev. 6 Piston Pin Bushing, size .866".
‡RP- 9B reams Chev. 6 Truck King Bolt Bushing, size .922".
§RP-10B reams Chev. 6 Piston Pin Bushing, size .991".

Set. No.	Size of Box	Wgt.
R-17B	12½" x 8" x 1½"	12 lbs.

THREAD RESTORER FILES

Restores damaged or rusted threads on bolts, studs or shafts.

Part No.		Length	Weight
E-86	Thread Restorer File for 11, 12, 13, 14, 16, 18, 20 and 24 threads per inch.	10"	4 oz.
E-88	Thread Restorer File for 9, 10, 12, 16, 20, 27, 28 and 30 threads per inch.	10"	4 oz.



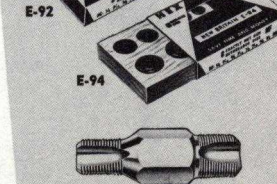
UNIVERSAL OUTSIDE THREAD CHASER

A time saver that will restore battered and damaged threads on axle housings, axle shafts, cages and similar units without removing them from the vehicle or assembly. Works on units from 1¼" to 5" outside diameter. Has 6 individual dies. Two of them have four cutting edges for 8, 10, 12 and 14 threads per inch and the other has 16, 18, 20 and 24 threads per inch. The four two sided dies are for 11-11½, 4-5, 6-7, and 7½-9 threads per inch.

Part No.	Weight
E-90	3 lb. 4 oz.

RETHREADER DIE KITS

Part No.		Weight
E-92	Rethreader Die Kit with eight of the following USS-NC coarse thread sizes: ¼", 5/16", ⅜", 7/16", ½", 9/16", ⅝", ¾"	9 oz.
E-94	Rethreader Die Kit with eight of the following SAE-NF fine thread sizes: ¼", 5/16", ⅜", 7/16", ½", 9/16", ⅝", ¾"	9 oz.



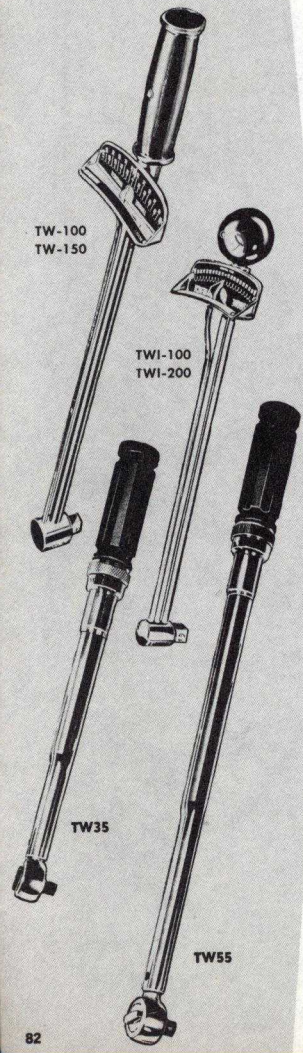
SPARK PLUG THREAD CHASERS

These two Spark Plug Hole Thread Chasers cover all the popular spark plug size openings, insuring tightly seated plugs and accurate torque wrench readings.

Part No.		Weight
E-96	Spark plug Thread Chaser with 10mm. and 14mm. threads.	2 oz.

Torque Wrenches

NAPA New Britain HAND TOOLS



New Britain torque wrenches are precision measuring instruments designed and manufactured to accurately measure torque. Their purpose is to give the pre-determined final tightness to screws, studs, bolts and threaded parts. Torque tools are used to determine this required tightness as well as to apply it. They are precision tools and should be handled as such.

ROUND BEAM TORQUE WRENCHES

This model features the special round bar measuring element. It is an accurate, reasonably priced torque wrench designed for service work in close quarters.

Number	Cap. Ft. Lbs.	Graduations	Length	Drive	Weight
TW-100	100	5	19¼	½"	2 lbs.
TW-150	150	5	19¼	½"	2 lbs., 2 oz.

LOW CAPACITY INCH POUND TORQUE WRENCHES

Graduations are in Inch Pounds on this model for accurate measurement of low capacities that are recommended for automatic transmission work. This wrench features the special round bar measuring elements that permits use in close quarters.

Number	Cap. In. Lbs.	Graduations	Length	Drive	Weight
TWI-100	100	5	10"	⅜"	¾ lb.
TWI-200	200	10	11"	⅜"	¾ lb.

MICROMETER TORQUE WRENCHES

New micrometer adjusting torque wrench: Torque value is preset. Wrench signals audibly when proper torque is attained. Popular for automotive engines, aircraft, and automatic transmission work. Avoid shearing by giving a pre-determined final tightness to screws, studs, bolts and threaded parts. Torque can be measured in either left or right direction which allows you also to measure "Back-Off" Torque. Because of the high capacity range of these, one wrench covers most applications . . . A special feature of the New Britain wrench. All New Britain torque wrenches are manufactured to federal standards and have been tested for 25,000 operations. Made of the highest quality heat-treated alloy steel. Parts are corrosion proofed. Individually carded.

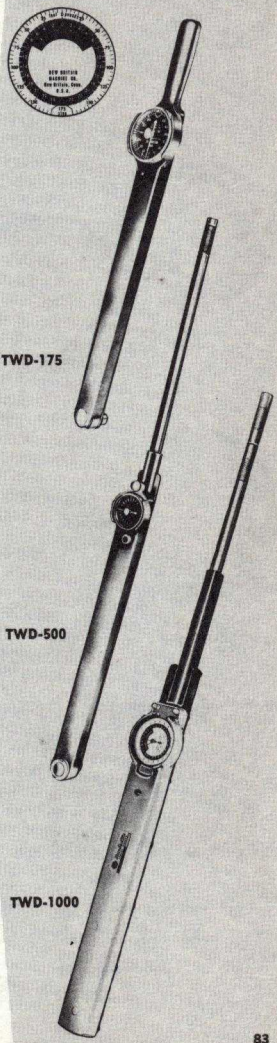
Number	Drive	Capacity	Weight
TW35	⅜	100 ft. lb.	1 lb. 12 oz.
TW55	½	250 ft. lb.	2 lbs. 8 oz.

Torque Wrenches

HEAVY-DUTY RIGID FRAME DIAL TYPE TORQUE WRENCHES

These rugged wrenches have a removable lug which fits either upper or under side of wrench allowing operator to stand in normal position at all times to take dial readings. All New Britain Tension Indicators work for either right or left hand threads. A second needle, called the "Tell-Tale Needle", remains at maximum torque after tension is released permitting careful check of reading after pulling has ceased. Shipped with metal storage case.

Extra Feature . . . Readings can be made in either ft. lbs. or Kilogram meters.



TWD-175

TWD-500

TWD-1000

175 FOOT-POUNDS CAPACITY 1/2"-DRIVE

This is the Tension Indicator to use in tightening bearing caps, flanged connections and cylinder heads on marine and aviation engines, tractors and similar equipment.

Number	Length	Grad.	Weight
TWD-175	19"	5' lbs.	2 lbs.

600 FOOT-POUNDS CAPACITY 3/4"-DRIVE

This capacity range has wide adaptability in power plants, the diesel engine field, steam fitting work and in many operations in the marine, railway and petroleum fields. Furnished with removable handle.

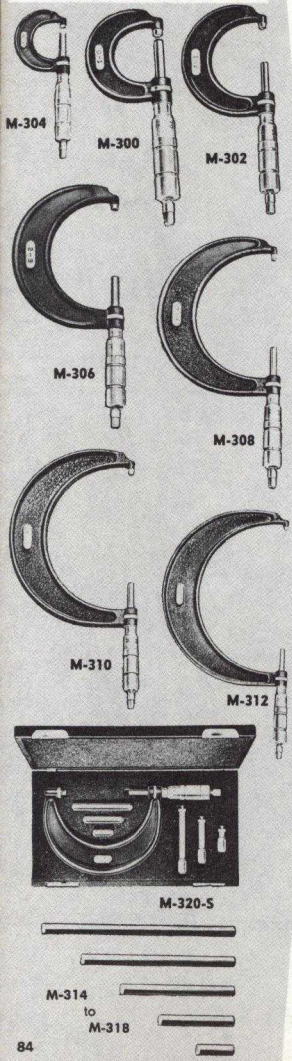
Number	Length	Grad.	Weight
TWD-500	44"	10' lbs.	7 lbs.

1000 FOOT-POUNDS CAPACITY 1"-DRIVE

This is the giant of the Tension Indicators developed for big jobs such as the refinery, railway, marine, power plant and other fields. Furnished with removable Handle.

Number	Length	Grad.	Weight
TWD-1000	51"	25' lbs.	22½ lbs.

Micrometers



NAPA New Britain HAND TOOLS

MICROMETERS

These New Britain precision measuring instruments have forged steel frames, enameled, satin chrome finish. Friction stop and clamp ring locknut. All micrometer sets are packed in compact sturdy cases.

BALL ANVIL MICROMETER

Ball anvil micrometer for measuring bearing inserts, tubing, and other curved surfaces.

Part No. **M-304** — Measuring range: 0"-1"
Graduations: .001"

OUTSIDE MICROMETER

Part No. **M-300** — Measuring range 0"-1"
Graduations: .001"

OUTSIDE MICROMETERS

Part No. **M-302** — Measuring range: 1"-2"
Graduations: .001"

OUTSIDE MICROMETER

Part No. **M-306** — Measuring range: 2"-3"
Graduations: .001"

OUTSIDE MICROMETER

Part No. **M-308** — Measuring range: 3"-4"
Graduations: .001"

OUTSIDE MICROMETER

Part No. **M-310** — Measuring range: 4"-5"
Graduations: .001"

OUTSIDE MICROMETER

Part No. **M-312** — Measuring range: 5"-6"
Graduations: .001"

RANGE MICROMETER

This micrometer is ideal for measurements within the 0" to 4" range in automotive repair work. Comes complete with three individual adjustable extensions, and is fitted with knurled collar for easy handling.

Part No. **M-320-S** — Range: 0"-4"
Graduations: .001"

MICROMETER STANDARD TEST GAUGES

These gauges are made of high quality alloy steel. They are hardened and ground to resist wear and give long life. Plated to prevent rusting.

Number	Description
M-314	1" Standard Test Gauge (or 25mm)
M-315	2" Standard Test Gauge (or 50mm)
M-316	3" Standard Test Gauge (or 75mm)
M-317	4" Standard Test Gauge (or 100mm)
M-318	5" Standard Test Gauge (or 125mm)

SPECIAL AUTOMOTIVE MICROMETER

Special designed micrometer for measuring connecting rod journals of most automobiles and trucks. Locating the graduations on the underside of the barrel eliminates removing the micrometer from its measuring position to take the reading.

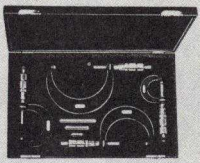
Part No.	
M-322-C	Range: 1½"-2½" Graduations: .001" 2" standard test gage

M-322-C

SET OF OUTSIDE MICROMETERS

Complete set of four outside micrometers, graduated in thousandths. Packaged in a compact sturdy case.

Part No.	
M-330-S	For measurements from 0" to 4" 0"-1" enameled frame 1"-2" enameled frame 2"-3" enameled frame 3"-4" enameled frame

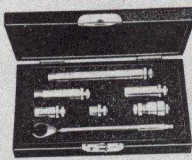


M-330-S

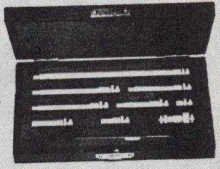
INSIDE MICROMETERS

Furnished complete with knurled auxiliary extension handle.

Part No.	
M-332-S	Measuring range: 1½"-8" Graduations: .001"
M-334-S	Measuring range: 1½"-12" Graduations: .001"



M-332-S



M-334-S

DEPTH MICROMETER

Graduations are placed right side up and can be easily read while in use. Both base and measuring rods are hardened, ground, and lapped.

Part No.	
M-336-S	Range: 0"-3" 3 measuring rods ⅛" in diameter Base: 7/16" x 2½" Graduated: .001"

M-336-S

DIAL TEST INDICATOR SET

Set consists of precision made jeweled indicator; 3 contact points; 12" sectional rod for holding indicator; hole attachment for checking bores, concentricity; clamp for attaching indicator to machines, plates; universal rod connector for connection indicators to rods; cap for hole, attachments; 5" tool post holder for use with lathes. Also can be used in automatic transmission work for determining backlash, and play, concentricity, alignment, out-of-round conditions.

Part No.	
M-338-S	Range: 0"-.200" Calibrated to 0"-.100", in increments of .001"

M-338-S

4" VERNIER CALIPER

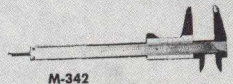
Small, handy pocket type. Calipers measured in 16th of an inch.

Number	Length	Weight
M-340	6"	3 oz.

6" VERNIER CALIPER

Precision Vernier Caliper — photo engraved for ultimate accuracy. Made of hardened stainless steel. Fine adjustment 1/128" x 1/1000".

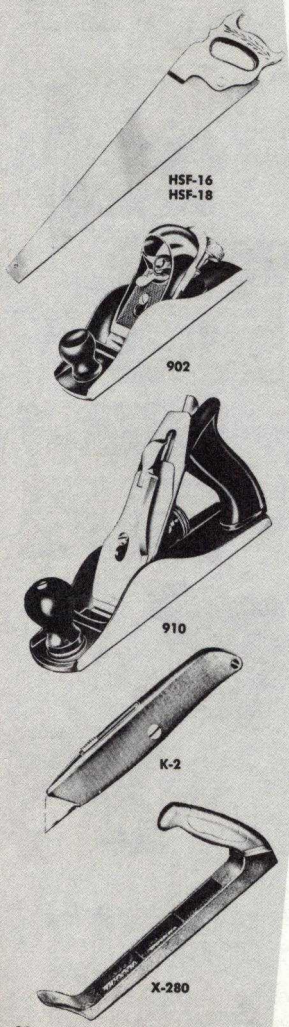
Number	Length	Weight
M-342	9"	1 lb.



M-342

Carpenter's Tools

NAPA New Britain HAND TOOLS



For many years, mechanics have chosen New Britain Hand Tools with complete confidence, knowing the tools they purchase are of the finest quality on the market. NOW New Britain proudly announces a completely new line to its famous list of professional tools — A FULL RANGE OF QUALITY-TESTED HAND TOOLS FOR CARPENTERS.

HAND SAWS

Polished blades are tempered for flexibility and resilience; perfectly balanced. Teeth precision filed and set. Form-fit engraved handles are made of finest grade hickory.

Number	
HSF-16	26" Crosscut — 8 Point
HSF-18	26" 5½ Pt. Rip Saw

ADJUSTABLE BLOCK PLANE

Fully adjustable cutter for shaving thickness and evenness of shaving. Hardwood knob, smooth bottom.

Number	Length	Cutter
902	7"	1⅝"

ADJUSTABLE JACK PLANE

Easily adjustable for thickness and evenness of shaving. Accurately balanced. Choice hardwood handle and knob. Smooth bottom.

Number	Length	Cutter
910	9"	2"

3 POSITION RETRACTABLE KNIFE

Button conveniently projects and retracts blade to choice of 3 positions — full, half and one-quarter out. Two-section lightweight handle provides handy blade storage. Complete with 4 heavy-duty blades.

Number		Handle Length
K-2		6"
K-5	Extra Blades	

FINISHING PLANE

Ideal for surface trimming and forming work on wood, aluminum, copper, plastics, tile, laminated counter tops and soft metals. Aluminum body with plastic handle. Non-clogging cutting edges. Reversible blade for longer tool life.

Number	Size
X-280	10"

REPLACEMENT BLADES

Number **X-282**

Half Round: Regular Cut — Ideal for concave and circular surfaces of wood, plastics, etc. Non-reversible blade. Fits No. X-280 tool.

Number **X-284**

Flat: Regular Cut — For most ordinary cutting of wood, etc. Reversible blade. Fits No. X-280 tool.

NAPA New Britain HAND TOOLS

Carpenter's Tools

HEAVY DUTY NAIL HAMMER

Polished head of alloy steel is super heat treated. Precision ground curved claw. Select lacquered hickory handle. Multiple wedging for permanently tight head and handle. Perfectly balanced.

Number	Weight
H-62	16 oz.

SCRATCH AWL

Rugged tool for tough use. Ideal for accurate marking, aligning, piercing sheet metal and enlarging holes.

Number	Length	Weight
933	8½"	1 oz.

MEDIUM WEIGHT ALUMINUM LEVEL

Made of die-cast aluminum, these new levels feature reinforced corners and extra heavy windows to protect and seal vials from dirt and moisture. Two plumb — two level vials. Replacement vials available.

Number	Length	Weight
M-224	24"	1½ lb.

ALUMINUM TORPEDO LEVEL

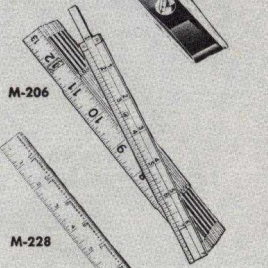
Lightweight die cast aluminum. Top plate is cemented in place eliminating screws or sharp edges. Three clear-view vials — plumb, level and 45 degree.

Number	Length	Weight
M-226	9"	4 oz.

EXTENSION RULE

6 foot, four-way extension rule. 6 inch, brass slide for depth measuring. Brass tips with brass plated protector plates. Boxwood finish — thick sticks.

Number	Length	Weight
M-206	6 Ft.	2.2 lbs.

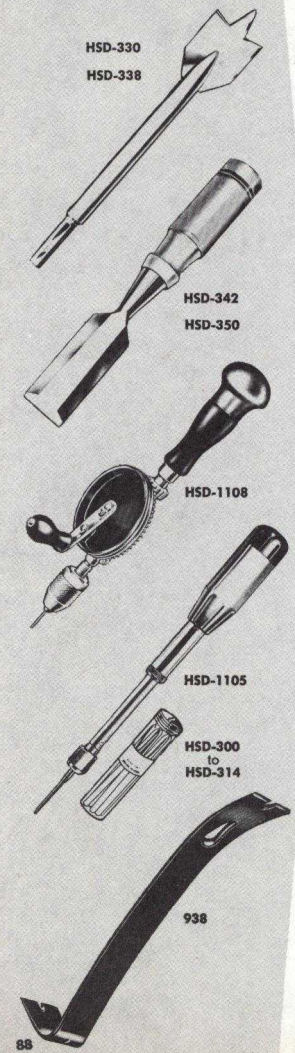


COMBINATION SQUARE

Steel blades are machine graduated in 8ths and 16ths on the grooved side, and 16ths and 32nds on the flat side, with quick reading figures on the 32nd graduations. Double hairline level vial has cats-eye filler for ease in sighting. Built-in scribe for handy marking. Durable black finish on square head. Blade has ground edges. Individually boxed.

Number	Length	Weight
M-228	12"	14 oz.

NAPA New Britain HAND TOOLS



HIGH SPEED SPADE BITS

Cut fast and clean in hard and soft woods, plastics, plywood, etc. Recommended for high R.P.M. drills. Shank has flats for positive grip in chuck. Individually packed in vinyl pouches.

Number	Diameter	Weight
HSD-330	3/8"	10 oz.
HSD-332	1/2"	10 oz.
HSD-334	5/8"	12 oz.
HSD-336	3/4"	14 oz.
HSD-338	7/8"	1 lb.

HEAVY DUTY WOOD CHISELS

Super-tough — two-tone composition handle made of unbreakable Tenite that will withstand the heaviest of hammer blows. Blade and tang forged from one piece of alloy tool steel.

Number	Diameter	Weight
HSD-342	1/4"	8 oz.
HSD-344	3/8"	1.1 lb.
HSD-346	1/2"	1.2 lb.
HSD-348	3/4"	1.3 lb.
HSD-350	1"	1.7 lb.

HAND DRILL

Machine cut gears and two steel pinions. Heavy duty steel chuck. Hollow handle holds 8 extra drill points.

Number	Size	Weight
HSD-1108	1/4"	1.2 lbs.

PUSH DRILL

Chuck holds drill points firmly so they cannot be pulled out. Comes with three regular drill points in plastic magazine handle.

Number	Weight
HSD-1105	1.5 lbs.

PUSH DRILL BITS

Made of fine grade tool steel, carefully hardened, tempered and well sharpened. 8 individual sizes.

Number	Diameter
HSD-300	1/16"
HSD-302	5/64"
HSD-304	3/32"
HSD-306	7/64"
HSD-308	1/8"
HSD-310	9/64"
HSD-312	5/32"
HSD-314	13/64"

UTILITY BAR

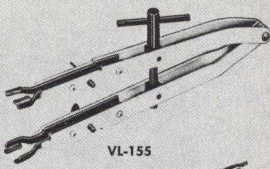
Ideal for pulling, prying, lifting, scraping. Made of forged tool steel for extra toughness. Has ground and beveled cutting edges and beveled nail slot on both ends.

Number	Size
938	1 3/4" x 13 3/8"

VALVE SPRING COMPRESSOR

The right tool for removing and replacing valve springs of Briggs & Stratton Engines. Its long and slender design enables it to reach into the small areas in which valve springs and retaining keepers are located. The arms are practically parallel being hinged together at one end. Spring steel jaws feature a width adjustment to fit the valve springs. The edges are extremely thin and can be easily forced under and over the ends of the spring, compressing it for removal. Jaws open and close by means of a screw, making ratchets and locks unnecessary.

Number	Weight
VL-155	1 lb.

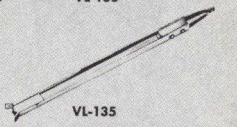


VL-155

MAGNETIC KEY INSERTER

Operates in conjunction with the New Britain Valve Spring Compressor No. VL-155. Approved for Briggs & Stratton Engines. A permanent magnet which holds split valve locks is located at one end. The other end is made to hold the locking pins used in some motors. The tool's narrow design allows operation freely in conjunction with the compressor tool.

Number	Weight
VL-135	1 oz.

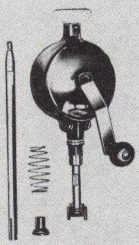


VL-135

RECIPROCAL VALVE GRINDER

Features a short, smooth, yet quick unbalanced forward and back movement which constantly advances the valve to new positions and insures perfect grinding. Easy action is assured by the ball thrust bearing on the spindle. Long and short self-locking stems, special valve grinding bit, small grinding spring and small vacuum cup are furnished.

Number	Weight
R-150	2 lbs.

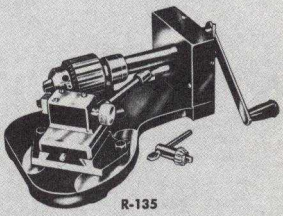


R-150

VALVE REFACER LATHE

A versatile hand operated valve refacing lathe designed especially for small repair shops not equipped with power tools, or shops without hi-line current. Refaces valves used in small stationary gasoline engines. Compact, yet has ample weight to prevent chatter and vibration; does a complete precision job. Automatic feed is timed for smooth cutting. Lathe handles 30, 45 and 60 degree angle valves with up to ⅜" stems and valve heads to 2¼" diameter. Feed shaft has two universal joints. Feed is reversible permitting cuts in either direction. Equipped wtih JACOBS CHUCK, Carbide Cutter and Adjustable Slide. Lathe can be used in vise with steel lugs provided.

Number	Weight
R-135	15 lbs.

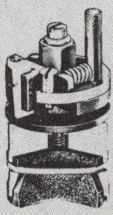


R-135

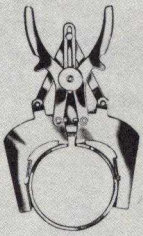
RIDGE REAMER

Designed to cut clear across the ridge without "feed-up"; employs a tilting combination cutter and stop. Locates completely within cylinder—may be placed at any depth desired. Ideal for small motors—has a range of 2" to 3". Equipped with Carbon Steel Cutter.

Number	Range	Weight
R-125	2" to 3"	1 lb. 2 oz.



R-125

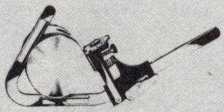


P-655

PISTON RING EXPANDER

Easily removes and installs piston rings without danger of damage or distortion to rings. Work is done quickly and effortlessly. Piston is steadied with one hand and the tool operated with the other hand. No adjustments to make—all rings are expanded with equal facility, whether step cut or diagonal cut. Made entirely of steel, this practical and sturdy tool has a capacity of 1¼" to 2¼".

Number	Capacity	Weight
P-655	1¼" to 2¼"	8 oz.

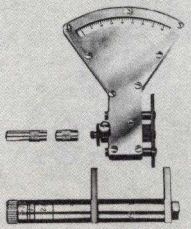


P-202

PISTON GROOVE CLEANER

A precision tool for small engines, this rigidly constructed piston groove cleaner features a provision for limiting the depth of cut. No gouging results in the groove or elsewhere. All adjustments are made quickly and easily. Capacity is 2" to 3". Contains five points for grooving and one for trimming lands which are combined in one blade. Cutter is carefully hardened and ground.

Number	Capacity	Weight
P-202	2" to 3"	1 lb.

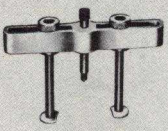


M-345

CYLINDER BORE GAUGE

For small engines—range 1¾" to 3¼". **Approved for Briggs & Stratton Engines.** Designed to be pre-set to get a zero reading at the exact original diameter of the engine cylinder to be worked on. When placed in the cylinder, any reading above zero on the dial will indicate in thousandths of an inch the exact amount of wear at any given point. The spring pressed guideplate allows the gauge to be rotated or slid up or down, still maintaining the vertical position necessary for accurate readings. A "Setter" for pre-setting the gauge to zero is furnished with each gauge.

Number	Capacity	Weight
M-345	1¾" to 3¼"	1¼ lbs.



P-160

SMALL ENGINE FLYWHEEL PULLER

Easily removes flywheels and crankshaft pulleys on outboard motors, small garden tractors, snow blowers and self-propelled lawn mowers without damage to other parts. Also removes clutch cones from self-propelled lawn mowers.

Number	Capacity	Weight
P-160	0" to 9"	6 lbs. 4 oz.

NO. 7548 108 PIECE HIGH PERFORMANCE TOOL SET

3/8" DRIVE — 12-POINT SOCKETS

Number		Number		Number	
NB-1210	5/16"	NB-1218	9/16"	NB-1224	3/4"
NB-1212	3/8"	NB-1219	19/32"	NB-1226	13/16"
NB-1214	7/16"	NB-1220	5/8"	NB-1228	7/8"
NB-1216	1/2"	NB-1222	11/16"		

3/8" DRIVE — 6-POINT SOCKETS

Number		Number		Number	
NB-614	7/16"	NB-616	1/2"	NB-616	1/2"

3/8" DRIVE — EXTRA DEEP 6-POINT SOCKETS

Number		Number		Number		
NBD-612	3/8"	NBD-618	9/16"	NBD-624	3/4"	
NBD-614	7/16"	NBD-620	5/8"	NBD-626	15/16"	
NBD-616	1/2"	NBD-622	11/16"	NBD-626S	15/16"	Spark Plug Socket

3/8" DRIVE — FLEX SOCKETS

Number		Number		Number	
NBF-12	3/8"	NBF-18	9/16"	NBF-22	11/16"
NBF-14	7/16"	NBF-20	5/8"	NBF-24	3/4"
NBF-16	1/2"				

3/8" DRIVE PARTS

Number		Number	
NB-21	6" Extension	NB-51	Flex Handle
NB-22	11" Extension	NB-55	Flex Ratchet
NB-23	19" Extension	NB-60	Universal Joint
NB-45	Revs. Ratchet	NB-85	Speeder

OPEN END WRENCHES

Number		Number	
NDF-10	1/4" x 5/16" O.E.	NDF-20	9/16" x 5/8" O.E.
NDF-14	3/8" x 7/16" O.E.	NDF-22	5/8" x 3/4" O.E.
NDF-16	7/16" x 1/2" O.E.	NDF-29	7/8" x 15/16" O.E.
NDF-18	1/2" x 9/16" O.E.		

6-POINT COMBINATION WRENCHES

Number		Number		Number	
NDF-48H	5/16" C.W.	NDF-52H	7/16" C.W.	NDF-56H	9/16" C.W.
NDF-50H	3/8" C.W.	NDF-54H	1/2" C.W.		

12-POINT COMBINATION WRENCHES

Number		Number		Number	
NDF-58	5/8" C.W.	NDF-62	3/4" C.W.	NDF-64	7/8"
NDF-60	11/16" C.W.	NDF-63	13/16"		

OTHER TOOLS

Number	
6011	11 pc. 1/4" Drive Set
D-16	Spark Detecting Screw Driver
D-24	7 1/2" Heavy Rd. Shank Screw Driver
D-46	10 1/4" Heavy Sq. Shank Screw Driver
D-210	15" Heavy Rd. Shank Screw Driver
H-16-1	Ball Pein Hammer
AW-111	Vice Grip Pliers
A-10-S	10 pc. Hex Key Wrench Set
AW-8	Adj. Wrench
FG-4	Feeler Gauge
P-29	Slip Joint Pliers
P-582	Needle Nose Pliers
P-50	Cutting Pliers
E-10	Ignition Wr. Set
E-48	6 pc. Snap Gap Set
31258	Sports Rally Tool Box

NO. 7552 46 PIECE HIGH PERFORMANCE TOOL SET

1/2" DRIVE — 12 POINT SOCKETS

Number		Number		Number	
NT-1216	1/2"	NT-1222	11/16"	NT-1226	13/16"
NT-1218	9/16"	NT-1224	3/4"	NT-1228	7/8"
NT-1220	5/8"				

1/2" DRIVE PARTS

Number		Number	
NS-45	Reversible Ratchet	NS-24	5" Extension

3/8" DRIVE — 6 AND 12 POINT SOCKETS

Number		Number		Number	
NB-1222	11/16"	NB-1224	3/4"	NB-616	1/2"
NB-612	3/8"	NB-1226	13/16"	NB-618	9/16"
NB-614	7/16"	NB-1228	7/8"	NB-620	5/8"

3/8" DRIVE — EXTRA DEEP 6 POINT SOCKETS

Number		Number		
NBD-614	7/16"	NBD-622	11/16"	
NBD-616	1/2"	NBD-624	3/4"	
NBD-618	9/16"	NBD-626S	15/16"	Rubber Lines
NBD-620	5/8"	NBD-628	7/8"	

3/8" DRIVE PARTS

Number	
NB-80	3/8" to 1/4" Reducing Adapter
NB-57	Gyro-Flex Ratchet
NB-20	3" Extension

1/4" DRIVE — 6 POINT SOCKETS

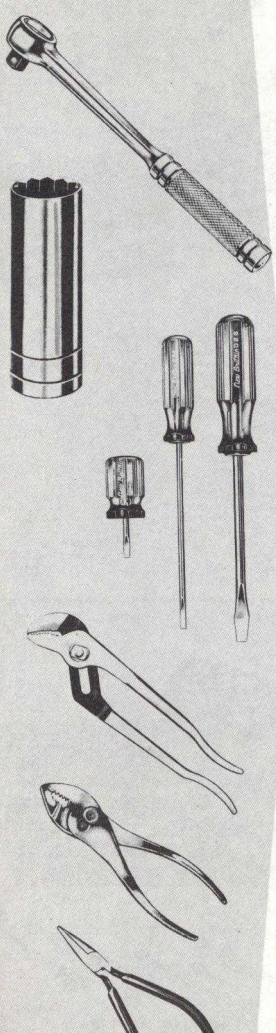
Number		Number		Number	
NM-606	3/16"	NM-609	9/32"	NM-612	3/8"
NM-607	7/32"	NM-610	5/16"	NM-614	7/16"
NM-608	1/4"	NM-611	11/32"		

1/4" DRIVE PARTS

Number	
NM-64	Midget Spinner Handle

OTHER PARTS

Number	
E-48	6 Pc. Snap Gap Set
31259	Sports Rally Tool Box (19 5/8" x 6" x 6")



NAPA New Britain HAND TOOLS

product knowledge

Having a reputation of quality tools is earned through Research, Testing, Quality Control, Engineering and Modern Manufacturing Facilities. New Britain Hand Tools are specially designed to be lightweight; however consistent with the strength required for its application. The finest steels and special alloys are used to maintain the strength requirements necessary for the professional mechanic. More than 1,600 tools make up the New Britain quality line. Included are complete lines of Ignition Tools, Brake Tools, Body Tools, Pullers, Chisels and Punches, Drills, Taps and Dies, Valve Tools, Hammers, Torque Wrenches, Micrometers, plus hundreds of other Specialty Tools designed to make jobs faster, easier and better.

NEW BRITAIN RATCHETS

The heart of a mechanic's tool box is the ratchet. New Britain features ratchets for the smallest ignition work in ¼" drive, to 1" drive sizes for the most rugged jobs. Ratchets are also available in ⅜", ½" and ¾" drive sizes. This modern ratchet features rugged 45 tooth design, assuring longer life and superior performance. The extra strength comes from New Britain's fully patented internal mechanism. Its sure-grip 9 tooth pawl distributes the torque load evenly by engaging 20% of the 45 tooth frame.

NEW BRITAIN SOCKETS

Sockets feature 4 way ball grooves on inner walls for quick, positive attachment; drive tools are held firmly in position—no slip, no wobble. Sockets snap on ratchet from any position.

Socket openings are precision broached for perfect fit on nuts, and thin walled for work in tight spots. Extruded from alloy steel, New Britain sockets exceed government strength standards. They are heat treated under exacting specifications for extra durability and exceptional strength. All New Britain sockets are triple-plated of copper, nickel and chrome to resist rust and insure long life. Sizes are permanently marked on each socket.

NEW BRITAIN SCREW DRIVERS

Screw drivers with standard and Phillips heads are available in 23 various sizes and lengths. They feature shock resistant tenite handles, shock absorbing plug, drop forged blade, chrome plated steel shank and cross ground blades.

NEW BRITAIN PLIERS

New Britain pliers offer a complete selection of more than 39 types and sizes. Included are slip joint, solid joint, groove-grip, cutting, needle nose, parrot nose, ribjoint, ignition, brake and snap ring. New Britain pliers are drop forged from special analysis steel. Cutting edges are hardened by electronic induction and hand honed for keen edges that retain their sharpness.

NAPA New Britain HAND TOOLS

product knowledge

NEW BRITAIN FLAT WRENCHES

Drop forged of the finest alloy steel and scientifically heat treated, New Britain Wrenches are designed to stand up under the strain of hard and constant use. The mirror chrome polished heads will not collect dirt and grease, resulting in a "like new" appearance after years of use. New Britain Wrenches are available in Open End styles including Tappet, Ignition and Flare Nut Wrenches. Combination Wrenches include standard 6 point, 6 point Miniature, 12 point, and Metric. Box End styles feature Deluxe Short Box Ends, Deluxe Long Box Ends, Ignition and Half Moon Styles. Nine Wrench Sets, from 6 to 10 pieces are also available in durable, reusable vinyl pouches.

NEW BRITAIN CHISELS AND PUNCHES

Tools designed to "take it!" Every New Britain Chisel and Punch is carefully heat treated to insure against either being too hard or too soft. Great care has been taken in designing the cutting edges so they will remain sharp under heavy wear. All Chisels and Punches can be resharpened. Chisels include; Hand Cold and Long Cold Chisels, Cape, Round Nose and Diamond Chisels and Chisel Sets. Punches include; Center, Prick Punches, Pin Punches, Long Taper, Lining Up and Hand Punches. Also available are Rivet Busters, Pry Bars, Pinch Bars and Power Hammer Tools.

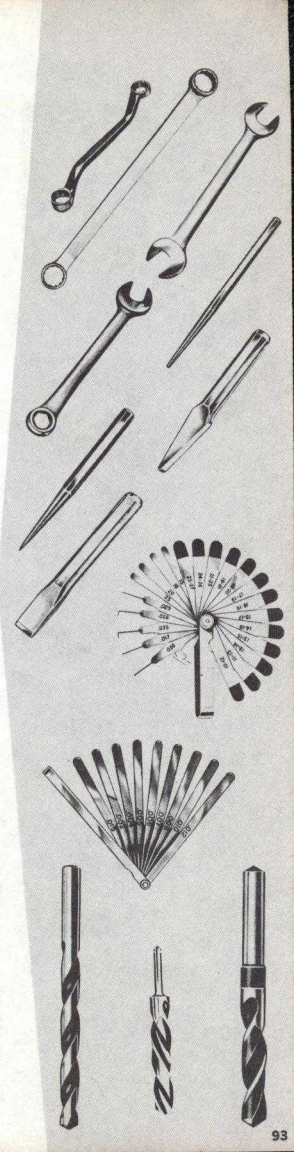
NEW BRITAIN FEELER GAUGES

Manufactured from the finest quality Swedish Steel to guarantee continued accuracy, New Britain Feeler Gauges feature every size and type for accurate work on spark plug gaps, distributor and ignition points and tappet adjustments. Included are Standard, Combination Valve and Ignition Feeler Gauges.

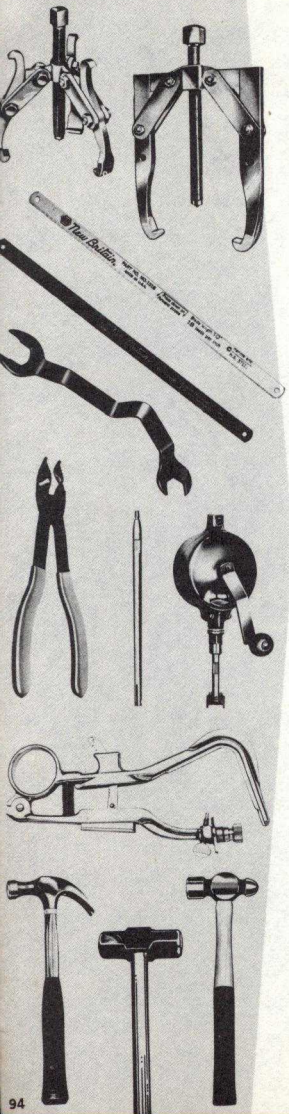
All purpose Chevrolet, Ford and Ignition Gauges, Spark Plug Special Wire Gauges, Brake Adjusting Feeler Gauge, Piston, Combination O.H.V. Gauges, Feeler Gauge Blade Holders and individual Feeler Gauge Blades.

NEW BRITAIN HIGH SPEED DRILLS

Constructed for all purpose work, New Britain drills are ideal for automotive, Aircraft and Industrial fields. Manufactured from high grade Alloy Steel, New Britain Drills continue to cut accurately and true at frictional heat temperatures up to 1200 degrees.



NAPA New Britain HAND TOOLS



NEW BRITAIN PULLERS

A complete range of sure grip automotive Pullers in capacities up to 17 tons to handle the majority of pulling jobs a repair shop will be called upon to perform. Included are Heavy Duty Gear Pullers, Reversible Gear Pullers, Battery Terminal and Generator Bearing Pullers, Flange Type Wheel Pullers, Small Engine Flywheel Pullers, Harmonic Balancer Pullers, Gear and Pulley Pullers, Universal Hub Pullers, Steering Wheel Pullers, Body Dent Pullers, Sleeve Pullers, Puller Plates and Internal Pulling Attachments.

NEW BRITAIN HACK SAW BLADES

High Speed Hack Saw Blades are made of Molybdenum steel; especially designed for automotive work where "Moly" has earned its reputation as the finest cutting combination known for modern requirements. Cuts nickel, high carbon steel and other tough alloys. Also available are New Britain's Flexible Hack Saw Blades, especially useful for cutting at different angles and for ordinary work in the shop. Made of Tungsten Alloy, the Flexible Blades are ideal on surfaces which are extremely hard and where the possibility of flexing occurs. Both blades available in 10 inch and 12 inch lengths.

NEW BRITAIN SPECIALIZED TOOLS

Specialized tools unique in design, save the mechanic's time, money and energy. New tools are continually being added to the line. Each tool expertly developed to make repair work easier and faster.

NEW BRITAIN HAMMERS

New Britain offers a complete selection of perfectly balanced hammers. Wooden handle hammers feature a hand polished beveled head and clear lacquer finish handles which are double tapered and locked for life. New Britain's all steel hammers are forged from special analysis steel and specially heat treated twice for full strength and durability.

GUARANTEE

Our products are guaranteed to the original purchaser against defects in material or workmanship. Replacement of defective tools shall be made free of charge when returned to the factory for examination. Liability of any kind is limited to the amount of the purchase price paid.

Tools that have been abused or have worn out in normal usage cannot be replaced. Likewise, any tools that have been heated, ground, or subjected to hammering and unreasonable leverage cannot be replaced.

Conversion Chart

CONVERSION CHART SHOWING MILLIMETER SIZES, FRACTIONAL AND DECIMAL INCH SIZES

Milli-Meter	Dec. Equiv.	Frac-tional
.1	.0039	
.15	.0059	
.2	.0079	
.25	.0098	
.3	.0118	
....	.0135	
.35	.0138	
....	.0145	
.39	.0156	1/64
.4	.0157	
....	.0160	
.45	.0177	
....	.0180	
.5	.0197	
....	.0200	
....	.0210	
.55	.0217	
....	.0225	
.6	.0236	
....	.0240	
....	.0250	
.65	.0256	
....	.0260	
....	.0280	
.7	.0276	
....	.0292	
.75	.0295	
....	.0310	
.79	.0312	1/32
.8	.0315	
....	.0320	
....	.0330	
.85	.0335	
....	.0350	
.9	.0354	
....	.0360	
....	.0370	
.95	.0374	
....	.0380	
....	.0390	
1.0	.0394	
....	.0400	
....	.0410	
1.05	.0413	
....	.0420	
....	.0430	
1.1	.0433	
1.15	.0452	
....	.0465	
1.19	.0469	3/64
1.2	.0472	
1.25	.0492	
1.3	.0512	
....	.0520	
1.35	.0531	
....	.0550	
1.4	.0551	
1.45	.0570	
1.5	.0591	
....	.0595	
1.55	.0610	
1.59	.0625	1/16
1.6	.0629	
....	.0635	
1.65	.0649	
1.7	.0669	
....	.0670	
1.75	.0689	
....	.0700	
1.8	.0709	
1.85	.0728	
....	.0730	
1.9	.0748	
....	.0760	
1.95	.0767	
1.98	.0781	5/64
....	.0785	
2.0	.0787	
2.05	.0807	
....	.0810	
....	.0820	
2.1	.0827	
2.15	.0846	
....	.0860	
2.2	.0866	
2.25	.0885	
....	.0890	
2.3	.0905	
2.35	.0925	
....	.0935	
2.38	.0937	3/32
2.4	.0945	
....	.0960	
2.45	.0964	
....	.0980	
2.5	.0984	
....	.0995	
....	.1015	
2.6	.1024	
....	.1040	
2.7	.1063	
....	.1065	
2.75	.1082	
2.78	.1094	7/64
....	.1100	
2.8	.1102	
....	.1110	
....	.1130	
2.9	.1141	
....	.1160	
3.0	.1181	
....	.1200	
3.1	.1220	
3.18	.1250	1/8
3.2	.1260	
3.25	.1279	
....	.1285	
3.3	.1299	
3.4	.1338	
....	.1360	
3.5	.1378	
....	.1405	
3.57	.1406	9/64
3.6	.1417	
....	.1440	
3.7	.1457	
....	.1470	
3.75	.1476	
....	.1495	
3.8	.1496	
....	.1520	
3.9	.1535	
....	.1540	
3.97	.1562	5/32
....	.1570	
4.0	.1575	
....	.1590	
....	.1610	
4.1	.1614	
4.2	.1654	
....	.1660	
4.25	.1673	
4.3	.1693	
....	.1695	
4.37	.1719	11/64
....	.1730	
4.4	.1732	
....	.1770	
4.5	.1771	
....	.1800	
4.6	.1811	
....	.1820	
4.7	.1850	
4.75	.1870	
4.76	.1875	3/16
4.8	.1890	
....	.1910	
4.9	.1929	
....	.1935	
....	.1960	
5.0	.1968	
....	.1990	
5.1	.2008	
....	.2010	
5.16	.2031	13/64
....	.2040	
5.2	.2047	
....	.2055	
5.25	.2067	
5.3	.2086	
....	.2090	
5.4	.2126	
....	.2130	
5.5	.2165	
5.56	.2187	7/32
5.6	.2205	
....	.2210	
5.7	.2244	
5.75	.2263	
....	.2280	
5.8	.2283	
5.9	.2323	
....	.2340	
5.95	.2344	15/64
6.0	.2362	
....	.2380	
6.1	.2401	
....	.2420	
6.2	.2441	
6.25	.2460	
6.3	.2480	
6.35	.2500	1/4
6.4	.2520	
6.5	.2559	
....	.2570	
6.6	.2598	
....	.2610	
6.7	.2638	
6.75	.2656	17/64
6.75	.2657	
....	.2660	
6.8	.2677	
6.9	.2716	
....	.2720	
7.0	.2756	
....	.2770	
7.1	.2795	
....	.2811	
7.14	.2812	9/32
7.2	.2835	
7.25	.2854	
7.3	.2874	
....	.2900	
7.4	.2913	
....	.2950	
7.5	.2953	
7.54	.2968	19/64
7.6	.2992	
....	.3020	
7.7	.3031	
7.75	.3051	
7.8	.3071	
7.9	.3110	
7.94	.3125	5/16
8.0	.3150	
....	.3160	
8.1	.3189	
8.2	.3228	
....	.3230	
8.25	.3248	
8.3	.3268	
8.33	.3281	21/64
8.4	.3307	
....	.3320	
8.5	.3346	
8.6	.3386	
....	.3390	
8.7	.3425	
8.73	.3437	11/32
8.75	.3445	
8.8	.3465	
....	.3480	
8.9	.3504	
9.0	.3543	
....	.3580	
9.1	.3583	
9.13	.3594	23/64
9.2	.3622	
9.25	.3641	
9.3	.3661	
....	.3680	
9.4	.3701	
9.5	.3740	
9.53	.3750	3/8
....	.3770	
9.6	.3780	
9.7	.3819	
9.75	.3838	
9.8	.3858	
....	.3860	
9.9	.3898	
9.92	.3906	25/64
10.0	.3937	
....	.3970	
....	.4040	
10.32	.4062	13/32
....	.4130	
10.5	.4134	
10.72	.4219	27/64
11.0	.4330	
11.11	.4375	7/16
11.5	.4528	
11.51	.4531	29/64
11.91	.4687	15/32
12.0	.4724	
12.30	.4843	31/64
12.5	.4921	
12.7	.5000	1/2
13.0	.5118	
13.10	.5156	33/64
13.49	.5312	17/32
13.5	.5315	
13.89	.5469	35/64
14.0	.5512	
14.29	.5625	9/16
14.5	.5709	
14.68	.5781	37/64
15.0	.5906	
15.08	.5937	19/32
15.48	.6094	39/64
15.5	.6102	
15.88	.6250	5/8
16.0	.6299	
16.27	.6406	41/64
16.5	.6496	
16.67	.6562	21/32
17.0	.6693	
17.06	.6719	43/64
17.46	.6875	11/16
17.5	.6890	
17.86	.7031	45/64
18.0	.7087	
18.26	.7187	23/32
18.5	.7283	
18.65	.7344	47/64
19.0	.7480	
19.05	.7500	3/4
19.45	.7656	49/64
19.5	.7677	
19.84	.7812	25/32
20.0	.7874	
20.24	.7969	51/64
20.5	.8071	
20.64	.8125	13/16
21.0	.8268	
21.03	.8281	53/64
21.43	.8437	27/32
21.5	.8465	
21.83	.8594	55/64
22.0	.8661	
22.23	.8750	7/8
22.5	.8858	
22.62	.8906	57/64
23.0	.9055	
23.02	.9062	29/32
23.42	.9219	59/64
23.5	.9252	
23.81	.9375	15/16
24.0	.9449	
24.21	.9531	61/64
24.5	.9646	
24.61	.9687	31/32
25.0	.9843	
25.03	.9844	63/64
25.4	1.0000	1

NEW BRITAIN HAND TOOLS
NEW BRITAIN, CONN. 06050
Litton